



TEST REPORT

	14/TE00D004==0041/
Reference No	WTF22D08177224Y
ivererence ino	 VV 11 ZZD00111ZZ+1

Applicant: Mid Ocean Brands B.V.

Address: 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon,

Hong Kong

Manufacturer..... : 116266

Address: --

Product: ABS-wheat straw charger stand

Model(s).....: MO9891

Total pages.....: 67 + 4 pages of photo documentation

Standards: EN IEC 62368-1: 2020+A11: 2020

Audio/video, information and communication technology equipment-

Part 1:Safety requirements

Date of Receipt sample : 2022-08-31

Date of Test : 2022-08-31 to 2022-09-23

Date of Issue : 2022-09-28

Test Result: Pass

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

Waltek Testing Group Co., Ltd.

Address: No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China
Tel:+86-769-2267 6998

Fax:+86-769-2267 6828

Compiled by:

Approved by:

Soap Hu/ Project Engineer

Soupelle

Sam Qi / Designated Reviewer



Reference No.: WTF22D08177224Y Page 2 of 67

Test item description	ABS-wheat	straw charger stand
Trademark:	MOB	
Model and/or type reference:	MO9891	
Rating(s):		V, 1.5A ; DC 5V, 2A 9V, 1.1A ; DC 5V, 1A
Remark:	any an	A SEL TEL TEL STEEL STEEL STEEL STEEL STEEL
Whether parts of tests for the product h	nave been sub	contracted to other labs:
☐ Yes ⊠ No		
If Yes, list the related test items and la	o information:	
Test items:		
Lab information:		LEK TEK TEK WITH WITH WITH WHILL A
Summary of testing:	WITE WA	The sale is the sale is
Tests performed (name of test and t - EN IEC 62368-1: 2020+A11: 2020 The submitted samples were found to the requirements of above specification	comply with	Testing location: No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China
EU Group Differences ☐ The product fulfils the requirements	of EN IEC 62	368-1:2020+A11:2020.
Use of uncertainty of measurement	for decisions	on conformity (decision rule) :
No decision rule is specified by the applicable limit according to the specified by the spe	ne IEC standa	ard, when comparing the measurement result with the last standard. The decisions on conformity are made mple acceptance" decision rule, previously known as
Other: (to be specified, for examp requirements apply)	le when requir	red by the standard or client, or if national accreditation
Information on uncertainty of measurement are		

the decision rule when reporting test results within IECEE scheme, noting that the reporting of the measurement uncertainty for measurements is not necessary unless required by the test standard or

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted

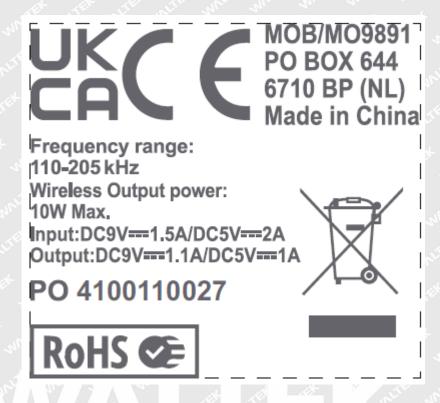
THE MULT MULT MULT

customer.

the testing.



Copy of marking plate:



Remark:

- 1. The above markings are the minimum requirements required by the safety standard. For the final production, the additional markings which do not give rise to misunderstanding may be added.
- 2. The CE marking and WEEE symbol should be at least 5.0mm and 7.0mm respectively in height.
- 3. According to the EU directives which have been aligned with EU NLF (new legislative framework), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.



Reference No.: WTF22D08177224Y Page 4 of 67

TEST ITEM PARTICULARS:	
Product group	⊠end product □built-in component
Classification of use by:	☑ Ordinary person☐ Instructed person☐ Skilled person
Supply Connection:	☐ AC mains ☐ DC mains ☐ not mains connected: ☐ ES2 ☐ ES3
Supply % Tolerance:	☐ +10%/-10% ☐ +20%/-15% ☐ +%/% ☑ None
Supply Connection – Type:	 □ pluggable equipment type A - □ non-detachable supply cord □ appliance coupler □ direct plug-in □ pluggable equipment type B - □ non-detachable supply cord □ appliance coupler □ permanent connection □ mating connector ⋈ other: not Mains connected
Considered current rating of protective device as part of building or equipment installation:	□UK: 13 A; Others: 16 A; Location: □ building □ equipment □ N/A
Equipment mobility	☐ movable ☐ hand-held ☐ transportable ☐ direct plug-in ☐ stationary ☐ for building-in ☐ wall/ceiling-mounted ☐ SRME/rack-mounted ☐ other:
Over voltage category (OVC):	☐ OVC I ☐ OVC II ☐ OVC III ☐ OVC IV ☐ other: not Mains connected
Class of equipment	☐ Class I ☐ Class II ☐ Class III ☐ Not classified ☐ ☐
Access location	N/A ☐ restricted access area☐ outdoor location ☐
Pollution degree (PD)	□PD 1⊠ PD 2 □ PD 3
Manufacturer's specified maxium operating ambient:	45°C Outdoor: minimum°C
IP protection class	☑ IPX0 □ IP
Power Systems:	☐ TN ☐ TT ☐ ITV L-L ☐ not AC mains
Altitude during operation (m)	☑ 2000 m or less ☐m
Altitude of test laboratory (m)	☑ 2000 m or less ☐ m
Mass of equipment (kg):	⊠0.031kg



Page 5 of 67

31 31 to 2022-09-23 the report.
31 to 2022-09-23
THE WALLEY WALLEY WALLE WALLE WHELE
the report.
the report.
e decimal separator.
stand.
45°C. The specified altitude is up to and
SLIES WILLES WILLES WILLES



Reference No.:WTF22D08177224Y Page 6 of 67

Clause	Possible Hazard			
5	Electrically-caused injury			
Class and Energy Source	Body Part		Safeguards	
(e.g. ES3: Primary circuit)	(e.g. Ordinary)	В	S	R
ES1: All internal circuit	Ordinary	N/A	N/A	N/A
ES1: Lithium Cell	Ordinary	N/A	N/A	N/A
6	Electrically-caused fire			
Class and Energy Source	Material part Safeguards			
(e.g. PS2: 100 Watt circuit)	(e.g. Printed board)	В	1 st S	2 nd S
PS1: <15 Watt circuits	PCB, Enclosure, The other components/materials	N/A	N/A	N/A
7	Injury caused by hazardous su	ubstances		
Class and Energy Source	Body Part		Safeguards	
(e.g. Ozone)	(e.g., Skilled)	В	S	R
N/A	N/A	N/A	N/A	N/A
8	Mechanically-caused injury			
Class and Energy Source	Body Part		Safeguards	
(e.g. MS3: Plastic fan blades)	(e.g. Ordinary)	В	S	R
MS1: Edges and corners	Ordinary	N/A	N/A	N/A
MS1: Mass of the unit	Ordinary	N/A	N/A	N/A
9	Thermal burn			
Class and Energy Source	Body Part		Safeguards	
(e.g. TS1: Keyboard caps)	(e.g., Ordinary)	В	S	R
TS1: All accessible parts	Ordinary	N/A	N/A	N/A
10	Radiation			
Class and Energy Source	Body Part		Safeguards	
(e.g. RS1: PMP sound output)	(e.g., Ordinary)	В	S	R
RS1: LED for indicating	Ordinary	N/A	N/A	N/A



Reference No.:WTF22D08177224Y Page 7 of 67

		COLL			CDA	NA.
ENE	767	SOU	KLE	DIA	GRA	N IVI

Indicate which energy sources are included in the energy source diagram. Insert diagram below

 \boxtimes ES \boxtimes PS \boxtimes MS \boxtimes TS \boxtimes RS

See details in OVERVIEW OF ENERGY SOURCES AND SAFEGUARDS



Page 8 of 67

AV			
in an		EN IEC62368-1	
Clause	Requirement – Test	Result – Remark	Verdict

4	GENERAL REQUIREMENTS		P.+
4.1.1	Acceptance of materials, components and subassemblies	(See appended table 4.1.2)	P
4.1.2 ME	Use of components	Components which are certified to IEC and/or national standards are used correctly within their ratings. Components not covered by IEC standards are tested under the conditions present in the equipment. See also Annex G	IN P
4.1.3	Equipment design and construction	Equipment is adequately designed and constructed.	W P
4.1.4	Specified ambient temperature for outdoor use (°C)	Indoor use only	N/A
4.1.5	Constructions and components not specifically covered	No such constructions and components.	N/A
4.1.8	Liquids and liquid filled components (LFC)	No such parts.	N/A
4.1.15	Markings and instructions	(See Annex F)	Р
1.4.3	Safeguard robustness	See below	NO P
4.4.3.1	General	A Sun In	Р
4.4.3.2	Steady force tests	(See Annex T.2and T.4)	UP PIN
4.4.3.3	Drop tests	(See Annex T.7)	Р
4.4.3.4	Impact tests	ALL STEE STEE WITER AND	N/A
4.4.3.5	Internal accessible safeguard tests	No such parts.	N/A
4.4.3.6	Glass impact tests	No such glass used.	N/A
4.4.3.7	Glass fixation tests	No such parts.	N/A
is and	Glass impact test (1J)	LIER SLIER SPLIE SPLIE	N/A
* 4	Push/pull test (10 N)	I III	N/A
4.4.3.8	Thermoplastic material tests	(See Annex T.8)	Р
1.4.3.9	Air comprising a safeguard	1 1 1 1 1	N/A
4.4.3.10	Accessibility, glass, safeguard effectiveness	After tests of 4.4.3.2, 4.4.3.3,4.4.3.4, 4.4.3.8, no safeguard damaged.	VII P
4.4.4	Displacement of a safeguard by an insulating liquid	No such liquid.	N/A
4.4.5	Safety interlocks	No such parts.	N/A
4.5	Explosion	at at all all a	P.T
4.5.1	General	No explosion occurs during normal/abnormal operation and single fault conditions	P



Page 9 of 67

	EN IEC62368-	J. 70, 70, 7	
Clause	Requirement – Test	Result – Remark	Verdict
4.5.2	No explosion during normal/abnormal operating condition	(See Clause B.2, B.3)	Р
an a	No harm by explosion during single fault conditions	(See Clause B.4)	P
4.6	Fixing of conductors	See below	Р
EK JE	Fix conductors not to defeat a safeguard	at let let let	JE P
40,	Compliance is checked by test	(See Clause T.2)	Р
4.7	Equipment for direct insertion into mains socke	et-outlets	N/A
4.7.2	Mains plug part complies with relevant standard	Not direct plug-in equipment.	N/A
4.7.3	Torque (Nm)	Tex Jex Ster Will	N/A
4.8	Equipment containing coin/button cell batteries	Mr. M. M. M.	N/A
4.8.1	General	No coin/button cell batteries used.	N/A
4.8.2	Instructional safeguard	et tet tret with a	N/A
4.8.3	Battery compartment door/cover construction	The Me in in	N/A
Wile of	Open torque test	TEN TEN STILL STILL	N/A
4.8.4.2	Stress relief test	Mr. Mr. An	N/A
4.8.4.3	Battery replacement test	THE NUTE AND THE	N/A
4.8.4.4	Drop test	7 7 7	N/A
4.8.4.5	Impact test	TE ALTE MIN WALTER	N/A
4.8.4.6	Crush test	201 2	N/A
4.8.5	Compliance	it with white white wh	N/A
,et	30N force test with test probe	The state of	N/A
mr. m	20N force test with test hook	WILL MULL MULL MULL	N/A
4.9	Likelihood of fire or shock due to entry of cond	uctive object	Р
4.10	Component requirements	write while was was	N/A
4.10.1	Disconnect Device	at at all the	N/A
4.10.2	Switches and relays	in muri muri muri m	N/A
	THE LIFE AND LIFE AND		(1) (1)
5	ELECTRICALLY-CAUSED INJURY		⊕P
5.2	Classification and limits of electrical energy sou	rces	Р
5.2.2	ES1, ES2 and ES3 limits	ing mer any any	P
5.2.2.2	Steady-state voltage and current limits	(See appended table 5.2)	P
5.2.2.3	Capacitance limits	No such capacitors	N/A
5.2.2.4	Single pulse limits	No such single pulses	N/A
5.2.2.5	Limits for repetitive pulses	No such repetitive pulses	N/A
5.2.2.6	Ringing signals	No such ringing signals	N/A



Page 10 of 67

<u> </u>	EN IEC62368-	7 41 40 7	1,4
Clause	Requirement – Test	Result – Remark	Verdict
5.2.2.7	Audio signals	me me me m	N/A
5.3	Protection against electrical energy sources	alies mile ancie anci	JU P
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons	TEK STEK NUTEK MUTEK	UNLITE ON
5.3.1 a)	Accessible ES1/ES2 derived from ES2/ES3 circuits	L. M. M. M.	N/A
5.3.1 b)	Skilled personsnot unintentional contact ES3 bare conductors	IEL WHITEL WHITE WHITE	N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	Only ES1 circuit and the enclosure (safeguard) are accessed to person.	Р
ares an	Accessibility to outdoor equipment bare parts	SLIER WILLIAM WILL MILL	N/A
5.3.2.2	Contact requirements	an an it is the	N/A
r. Mrr	Test with test probe from Annex V	LIFE WALL WALL WALL	s —
5.3.2.2 a)	Air gap – electric strength test potential (V)	e at at at	N/A
5.3.2.2 b)	Air gap – distance (mm)	e write whit with w	N/A
5.3.2.3	Compliance	at at the	N/A
5.3.2.4	Terminals for connecting stripped wire	No stripped wire used.	N/A
5.4	Insulation materials and requirements	et itet itet	ΙP
5.4.1.2	Properties of insulating material	No insulation as a safeguard.	N/A
5.4.1.3	Material is non-hygroscopic	The The Lifet	N/A
5.4.1.4	Maximum operating temperature for insulating materials	(See appended table 5.4.1.4, 9.3, B.1.5, B.2.6, B.3, B.4)	P
5.4.1.5	Pollution degrees	MULL AND MUL MUL MU	N/A
5.4.1.5.2	Test for pollution degree 1 environment and for an insulating compound	MITER MITER WHITE WALT	N/A
5.4.1.5.3	Thermal cycling test	and the set	N/A
5.4.1.6	Insulation in transformers with varying dimensions	ALTE MILLE WALL WALL	N/A
5.4.1.7	Insulation in circuits generating starting pulses	at at at the	N/A
5.4.1.8	Determination of working voltage	E MULL MULL MULL M	N/A
5.4.1.9	Insulating surfaces	- At At All S	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	Mar Mar Mar Mar	N/A
5.4.1.10.2	Vicat test	WITE WILL MALL MALL	N/A
5.4.1.10.3	Ball pressure test	a state of	N/A
5.4.2	Clearances	THE WALL MALL WALL	N/A
5.4.2.1	General requirements	at the left left	N/A
All .	Clearances in circuits connected to AC Mains, Alternative method	Must my my m	N/A
5.4.2.2	Procedure 1 for determining clearance	LIFE OUT WITH MITH WALL	N/A



Page 11 of 67

20.	EN IEC62368-	2 41 22 3	75, 7
Clause	Requirement – Test	Result – Remark	Verdict
21/2 1		the wife was the	1/1, 1/1,
JOH S	Temporary overvoltage		
5.4.2.3	Procedure 2 for determining clearance	WALL MALL WALL	N/A
5.4.2.3.2.2	a.c. mains transient voltage	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5.4.2.3.2.3	d.c. mains transient voltage	WILL MULL MULL M	_
5.4.2.3.2.4	External circuit transient voltage	at at at a	e* _
5.4.2.3.2.5	Transient voltage determined by measurement	in mir mir mur	
5.4.2.4	Determining the adequacy of a clearance using an electric strength test	t milet whilet while	N/A
5.4.2.5	Multiplication factors for clearances and test voltages	THEY WITH MITHE	N/A
5.4.2.6	Clearance measurement	211 20 2	N/A
5.4.3	Creepage distances	LIER WITE MALIE W	N/A
5.4.3.1	General	1 1 N N	N/A
5.4.3.3	Material group	Ex WILL MILL MILL	ric —
5.4.3.4	Creepage distances measurement	at at all	N/A
5.4.4	Solid insulation	White White Whi	N/A
5.4.4.1	General requirements	A STATE	N/A
5.4.4.2	Minimum distance through insulation	The sure of	N/A
5.4.4.3	Insulating compound forming solid insulation		N/A
5.4.4.4	Solid insulation in semiconductor devices	The Me Me	N/A
5.4.4.5	Insulating compound forming cemented joints	t tet tet ite	N/A
5.4.4.6	Thin sheet material	Mr. Mr. M.	N/A
5.4.4.6.1	General requirements	TEX ITEX SITES	N/A
5.4.4.6.2	Separable thin sheet material	m. m. m.	N/A
The WILL	Number of layers (pcs)	TEK TEK STEET IN	N/A
5.4.4.6.3	Non-separable thin sheet material	12 14 14 14	N/A
" In City	Number of layers (pcs)	Et SLIER WILL MAI	N/A
5.4.4.6.4	Standard test procedure for non-separable thin sheet material	- 764 7764 7764	N/A
5.4.4.6.5	Mandrel test	Mr. Mr. Mr.	N/A
5.4.4.7	Solid insulation in wound components	TEX LIER OLIER	N/A
5.4.4.9	Solid insulation at frequencies >30 kHz, E_P , K_R , d , V_{PW} (V)	of the the	N/A
t Tex	Alternative by electric strength test, tested voltage (V), K _R	the state	N/A
5.4.5	Antenna terminal insulation	antic matty mail	N/A
5.4.5.1	General	1 2 1	N/A



EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
5.4.5.2	Voltage surge test	And Anti- all	N/A
5.4.5.3	Insulation resistance (M Ω)	LIE SLIE MILIE	N/A
.hk	Electric strength test	2/12 4/1 -10	N/A
5.4.6	Insulation of internal wire as part of supplementary safeguard	ALTER WALTER WHITE W	N/A
5.4.7	Tests for semiconductor components and for cemented joints	IER MUTER MUTER MU	N/A
5.4.8	Humidity conditioning	t tek of the steel	N/A
TIE! N	Relative humidity (%), temperature (°C), duration (h)	We the tex	State -
5.4.9	Electric strength test	white mer were	N/A
5.4.9.1	Test procedure for type test of solid insulation	at let let	N/A
5.4.9.2	Test procedure for routine test	or me me m	N/A
5.4.10	Safeguards against transient voltages from external circuits	EX MITEX WATER WALF	N/A
5.4.10.1	Parts and circuits separated from external circuits	at at all	N/A
5.4.10.2	Test methods	Mr. Wir. Wir.	N/A
5.4.10.2.1	General	et et et	N/A
5.4.10.2.2	Impulse test	2 21/2 2	N/A
5.4.10.2.3	Steady-state test		N/A
5.4.10.3	Verification for insulation breakdown for impulse test	t at let de	N/A
5.4.11	Separation between external circuits and earth	Write Will Mus	N/A
5.4.11.1	Exceptions to separation between external circuits and earth	NUTER INCHES	N/A
5.4.11.2	Requirements	The state of the s	N/A
74 - 134 The 1910	SPDs bridge separation between external circuit and earth	NITE WALL WALL W	N/A
MULL	Rated operating voltage U _{op} (V)	EK NITER INITER WAL	_ u
TEK	Nominal voltage U _{peak} (V)	1 1 A A	_
21/2 21	Max increase due to variation ΔU _{sp}	WILL WILL MILL	any -
CENT C	Max increase due to ageing ΔU _{sa}	t at at	TEX -
5.4.11.3	Test method and compliance	MUTTE MUTE MUTE	N/A
5.4.12	Insulating liquid	A ST ST	N/A
5.4.12.1	General requirements	rie mer mer m	N/A
5.4.12.2	Electric strength of an insulating liquid	it lit lit is	N/A
5.4.12.3	Compatibility of an insulating liquid	Mr. Mr. M.	N/A
5.4.12.4	Container for insulating liquid	It It It	N/A

Page 13 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict

alle	M. M. S. A.	the still the still still the	no an
5.5	Components as safeguards	71, 20,	N/A
5.5.1	General	No such components as safeguards.	N/A
5.5.2	Capacitors and RC units	TER LIER OLIER MITE	N/A
5.5.2.1	General requirement	in my	N/A
5.5.2.2	Safeguards against capacitor discharge after disconnection of a connector	TEX WHITEK WHITE WHITE	N/A
5.5.3	Transformers	t get get gret	N/A
5.5.4	Optocouplers	The Me The A	N/A
5.5.5	Relays	TEX SEX SIFE OU	N/A
5.5.6	Resistors	the the to be	N/A
5.5.7	SPDs	THE STEE STEE WITE	N/A
5.5.8	Insulation between the mains and an external circuit consisting of a coaxial cable	et let tet stet	N/A
5.5.9	Safeguards for socket-outlets in outdoor equipment	THE THE THE	N/A
211 1	RCD rated residual operating current (mA)	Write White Mrs. W.	_
5.6	Protective conductor		N/A
5.6.2	Requirement for protective conductors		N/A
5.6.2.1	General requirements	Class III equipment	N/A
5.6.2.2	Colour of insulation	in the the	N/A
5.6.3	Requirement for protective earthing conductors	t TEX TEX STEE	N/A
	Protective earthing conductor size (mm²)	The The In a	_
merie. M	Protective earthing conductor serving as a reinforced safeguard	WHITEK WHITEK WATER WA	N/A
liter whi	Protective earthing conductor serving as a double safeguard	NIET WIFE WHIEF	N/A
5.6.4	Requirements for protective bonding conductors	and the state of the	∠⊘ N/A
5.6.4.1	Protective bonding conductors	The Will Mary Mary	N/A
CIER	Protective bonding conductor size (mm²)	and the set	<u> </u>
5.6.4.2	Protective current rating (A)	mery men men en	N/A
5.6.5	Terminals for protective conductors	LET THE THE ST	N/A
5.6.5.1	Terminal size for connecting protective earthing conductors (mm)	ing my my my	N/A
k Tek	Terminal size for connecting protective bonding conductors (mm)	THE WALL WALL WALL	N/A
5.6.5.2	Corrosion	ex nife unite wally	N/A
5.6.6	Resistance of the protective bonding system	1 x xt	N/A
5.6.6.1	Requirements	alter with white was	N/A



Page 14 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
Mer	THE THE STATE OF T	EL WILL MULL MULL MI	To The
5.6.6.2	Test Method	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A
5.6.6.3	Resistance (Ω) or voltage drop	WITE WILL MALL MALL	N/A
5.6.7	Reliable connection of a protective earthing conductor	TEX STEX NUTER MUTER	N/A
5.6.8	Functional earthing	by the transfer of	N/A
NAT.	Conductor size (mm ²)	TEX STER OUTER STREET	N/A
- 14	Class II with functional earthing marking	24, 25,	N/A
Mile.	Appliance inlet cl &cr (mm)	LIER WILL MILL AND	N/A
5.7	Prospective touch voltage, touch current and p	rotective conductor current	N/A
5.7.2	Measuring devices and networks	Will Mile Will Mile	N/A
5.7.2.1	Measurement of touch current	a start set	N/A
5.7.2.2	Measurement of voltage	LIFE WALL WALL WALL	N/A
5.7.3	Equipment set-up, supply connections and earth connections	Et stiff with with	N/A
5.7.4	Unearthed accessible parts	70° 1	N/A
5.7.5	Earthed accessible conductive parts	CHIEF WITE WALL WAL	N/A
5.7.6	Requirements when touch current exceeds ES2 limits	THE STIFF MITTE	N/A
st si	Protective conductor current (mA)	7 1 1 1	N/A
MUCH	Instructional Safeguard	The Life Mile White	N/A
5.7.7	Prospective touch voltage and touch current associated with external circuits	t fet fet stilt is	N/A
5.7.7.1	Touch current from coaxial cables	Mr. M. M. M.	N/A
5.7.7.2	Prospective touch voltage and touch current associated with paired conductor cables	Whitek whitek whitek whit	N/A
5.7.8	Summation of touch currents from external circuits	LIET MITEL WHITE WHITE	N/A
EK WITEK	a) Equipment connected to earthed external circuits, current (mA)	Et ALTER MITER MALTER	N/A
MATER	b) Equipment connected to unearthed external circuits, current (mA)	- THE STEE STEEL ON	N/A
5.8	Backfeed safeguard in battery backed up suppl	ies	N/A
IN LITE OF THE	Mains terminal ES	No battery used	N/A
	Air gap (mm)	me me in an	N/A

6	ELECTRICALLY- CAUSED FIRE	Р
6.2	Classification of PS and PIS	P



Page 15 of 67

	EN IEC62368-	700	
Clause	Requirement – Test	Result – Remark	Verdict
6.2.2	Power source circuit classifications	PS (power source) classification determined by measuring the maximum power in Figures 34 and 35 for load and power source circuits. (See appended table 6.2.2)	WALTER W
6.2.3	Classification of potential ignition sources	See the following details.	JE P
6.2.3.1	Arcing PIS	No Arcing PIS exist in the equipment	N/A
6.2.3.2	Resistive PIS	(See appended table 6.2.3.2)	N/A
6.3	Safeguards against fire under normal operating conditions	and abnormal operating	Р
6.3.1	No ignition and attainable temperature value less than 90 % defined by ISO 871 or less than 300 °C for unknown materials	No ignition and no such temperature attained within the equipment. (See appended table B.1.5 & B.3)	Miles P Miles Mari
.4	Combustible materials outside fire enclosure	No such parts	N/A
6.4	Safeguards against fire under single fault condit	ions	n P
6.4.1	Safeguard method	Control fire spread	Р
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	THE WALLE WALLE	W. P
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits	IE WILL MILL WILLE	N/A
6.4.3.1	Supplementary safeguards	L of let let i	P
6.4.3.2	Single Fault Conditions	White Aut Au Au	N/A
NITER II	Special conditions for temperature limited by fuse	LEK TEK TEK SITE	N/A
6.4.4	Control of fire spread in PS1 circuits	Mrs. Mrs. Mrs. An.	Р
6.4.5	Control of fire spread in PS2 circuits	LEK TEK TEK STEK	N/A
6.4.5.2	Supplementary safeguards	in the me	N/A
6.4.6	Control of fire spread in PS3 circuits	Et TEX STEX STEELS	N/A
6.4.7	Separation of combustible materials from a PIS	m. m. m. s.	N/A
6.4.7.2	Separation by distance	- THE STEE STEE STEE	N/A
6.4.7.3	Separation by a fire barrier	No fire barrier used.	N/A
6.4.8	Fire enclosures and fire barriers	See below.	N/A
6.4.8.2	Fire enclosure and fire barrier material properties	V-0 plastic enclosure used	N/A
6.4.8.2.1	Requirements for a fire barrier	No fire barrier used.	N/A
6.4.8.2.2	Requirements for a fire enclosure	V-0 plastic enclosure used	N/A
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	See below	N/A
6.4.8.3.1	Fire enclosure and fire barrier openings	No openings	N/A



211.	EN IEC62368-	lit with with	41, 41
Clause	Requirement – Test	Result – Remark	Verdict
6.4.8.3.2	Fire barrier dimensions	No specific barrier provided.	N/A
6.4.8.3.3	Top openings and properties	No top opening	N/A
<u> </u>	Openings dimensions (mm)	71 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A
6.4.8.3.4	Bottom openings and properties	No bottom opening	N/A
et et	Openings dimensions (mm)		N/A
7117	Flammability tests for the bottom of a fire enclosure	THE MULTER WILL WAS A	N/A
Mury 1	Instructional Safeguard	ALTER MITE WALTE WAS	N/A
6.4.8.3.5	Side openings and properties	No side openings	N/A
ne in	Openings dimensions (mm)	CLIEF WILL SHILL MALL	N/A
6.4.8.3.6	Integrity of a fire enclosure, condition met: a), b) or c)	No enclosure can be opened by an ordinary person	N/A
6.4.8.4	Separation of a PIS from a fire enclosure and a fire barrier distance (mm) or flammability rating	V-0 plastic enclosure used	N/A
6.4.9	Flammability of insulating liquid	my my my	N/A
6.5	Internal and external wiring		Р
6.5.1	General requirements	The internal wires are complied with UL standard, of which the test method and testing condition are equal to IEC/EN 60695-11-21.	P
6.5.2	Requirements for interconnection to building wiring	See 6.5.1.	Р
6.5.3	Internal wiring size (mm2) for socket-outlets	No such wire used	N/A
6.6	Safeguards against fire due to the connection to ac	dditional equipment	Р
415 211	IN HIDY CALIGED BY HAZARDOUG CURGTANG	TO THE MENT WILL WAS	711-
7	INJURY CAUSED BY HAZARDOUS SUBSTANC	75- X7 XV 75	P
7.2	Reduction of exposure to hazardous substance	in and one we	N/A
7.3	Ozone exposure		N/A
7.4	Use of personal safeguards or personal protect	ive equipment (PPE)	N/A
-11-16	Personal safeguards and instructions	Car Litt Litter	
7.5	Use of instructional safeguards and instruction	S My My My My	N/A
The Table	Instructional safeguard (ISO 7010)	LIEF LIEF STEE STEE	_
7.6	Batteries and their protection circuits	Mer All An An	Р
8	MECHANICALLY-CAUSED INJURY		Р
8.2	Mechanical energy source classifications	at the set of	P.
8.3	Safeguards against mechanical energy sources	ich until until until un	Р
8.4	Safeguards against parts with sharp edges and		



Page 17 of 67

01-	EN IEC62368-	7 41 27 7	
Clause	Requirement – Test	Result – Remark	Verdict
8.4.1	Cotoguardo	The same of the	Р
0.4.1	Safeguards	MC4. Edwar and compare of	40
7112 211	Instructional Safeguard:	MS1: Edges and corners of enclosure	JIP P
8.4.2	Sharp edges or corners	Edges and corners of the enclosure are rounded.	P
8.5	Safeguards against moving parts	at all the other	N/A
8.5.1	Fingers, jewellery, clothing, hair, etc., contact with MS2 or MS3 parts	No moving parts.	N/A
7/12 7/	MS2 or MS3 part required to be accessible for the function of the equipment	See above.	N/A
mer and	Moving MS3 parts only accessible to skilled person	still outle south worth	N/A
8.5.2	Instructional safeguard:	in in the state of	N/A
8.5.4	Special categories of equipment containing moving parts	THE WALL WILL MAN	N/A
8.5.4.1	General	ex liex when white an	N/A
8.5.4.2	Equipment containing work cells with MS3 parts	711. 22. 2.	N/A
8.5.4.2.1	Protection of persons in the work cell	ALTER MITE WALTE WALTE	N/A
8.5.4.2.2	Access protection override		N/A
8.5.4.2.2.1	Override system	White Man	N/A
8.5.4.2.2.2	Visual indicator	the set	N/A
8.5.4.2.3	Emergency stop system	The white when we a	N/A
MALIER	Maximum stopping distance from the point of activation (m)	A CHIEF MILITER WALTER WAS	N/A
WEIFEK WA	Space between end point and nearest fixed mechanical part (mm)	The Street Witch Milit	N/A
8.5.4.2.4	Endurance requirements	an an an	N/A
The Mark	Mechanical system subjected to 100 000 cycles of operation	LIFE WALLE WALL WALL	N/A
Wille	- Mechanical function check and visual inspection	Et liter size with su	N/A
	- Cable assembly	M. M. S.	N/A
8.5.4.3	Equipment having electromechanical device for destruction of media	White white white whi	N/A
8.5.4.3.1	Equipment safeguards	TEX LIER NITER WITE	N/A
8.5.4.3.2	Instructional safeguards against moving parts:	m. m. m.	N/A
8.5.4.3.3	Disconnection from the supply	JEX NIEX MILE WHILE	N/A
8.5.4.3.4	Cut type and test force (N)	20, 20,	N/A
8.5.4.3.5	Compliance	ex rected write write wr	N/A
8.5.5	High pressure lamps	No high pressurelamps used.	N/A
They are	Explosion test	alife with with with	N/A



Page 18 of 67

	EN IEC62368-		
Clause	Requirement – Test	Result – Remark	Verdict
0.5.5.0	Class partiales dimensions (mm)	it with mit, out of	NI/A
8.5.5.3	Glass particles dimensions (mm)	- 10 10 10	N/A
8.6 8.6.1	Stability of equipment General	MOA: Mass of the smit	N/A
0.0.1	1	MS1: Mass of the unit	N/A
0.00	Instructional safeguard:	Wr. Wr. Mr. M.	N/A
8.6.2	Static stability	CA CLEAN THE WATER	N/A
8.6.2.2	Static stability test:	" " " " " " " " " " " " " " " " " " "	N/A
8.6.2.3	Downward force test	t fet siet sier si	N/A
8.6.3	Relocation stability	me m. m.	N/A
Write W	Wheels diameter (mm):	THE LIFE OUTER AND	
· .	Tilt test	The Min of	N/A
8.6.4	Glass slide test	LIER RITER WITER WALTER	N/A
8.6.5	Horizontal force test:	, 74 ° ° ;	N/A
8.7	Equipment mounted to wall, ceiling or other stru	ucture	N/A
8.7.1	Mount means type	No wall or ceiling	N/A
8.7.2	Test methods	WILL MULTE WALL WAS	N/A
Alt .	Test 1, additional downwards force (N)	The state of	N/A
in an	Test 2, number of attachment points and test force (N)	The sum sum	N/A
in Muc.	Test 3 Nominal diameter (mm) and applied torque (Nm)	ITE WHITE WHITE WHITE	N/A
8.8	Handles strength	EX TEX STEX STEX I	N/A
8.8.1	General	No handles	N/A
8.8.2	Handle strength test	TEN LIER NITER INC	N/A
<u></u>	Number of handles:	All All All All	_
TIE SAVE	Force applied (N):	LIER SLIEN WILLER WILLER	100 - C
8.9	Wheels or casters attachment requirements	The true to the	N/A
8.9.2	Pull test	No such parts	N/A
8.10	Carts, stands and similar carriers		N/A
8.10.1	General	No carts, stands or similar carriers	N/A
8.10.2	Marking and instructions:	LIFE OLIFE WALTER WALTE	N/A
8.10.3	Cart, stand or carrier loading test	in in the state of	N/A
The Mary	Loading force applied (N):	ITE OLITE MILE MALLE	N/A
8.10.4	Cart, stand or carrier impact test	, t st	N/A
8.10.5	Mechanical stability	THE MALLE WALL IN	N/A
A.	Force applied (N):	- N N N N N N N N.	.0- 20



Page 19 of 67

	EN IEC	62368-1	
Clause	Requirement – Test	Result – Remark	Verdict
21/2	M. M. J. T.	TEN SITE WITE WALL	The Mr.
8.10.6	Thermoplastic temperature stability	Mr. M. M.	N/A
8.11	Mounting means for slide-rail mounted eq	uipment (SRME)	N/A
8.11.1	General	No such parts	N/A
8.11.2	Requirements for slide rails	LIER MITE WALL W	N/A
EF JE	Instructional Safeguard		N/A
8.11.3	Mechanical strength test	ET IN THE WILL WAS	N/A
8.11.3.1	Downward force test, force (N) applied		N/A
8.11.3.2	Lateral push force test	WILL WALL WALL WALL	N/A
8.11.3.3	Integrity of slide rail end stops	A SET THE THE	N/A
8.11.4	Compliance	WILL MULL MULL MULL	N/A
8.12	Telescoping or rod antennas	at at the title of	N/A
	Button/ball diameter (mm)	: No such parts	_

9	THERMAL BURN INJURY		Р
9.2	Thermal energy source classifications Touch temperature limits		Р
9.3			Р
9.3.1	Touch temperatures of accessible parts	: (See appended table 5.4.1.4, 9.3, B.1.5, B.2.6)	IN P W
9.3.2	Test method and compliance	See B.1.6 & B.2.3	TE P IT
9.4	Safeguards against thermal energy source	es unit with the the	Р
9.5	Requirements for safeguards		P
9.5.1	Equipment safeguard	Enclosure provided to limit the transfer of thermal energy of internal parts under normal operating conditions and abnormal operating conditions.	P
9.5.2	Instructional safeguard	: Instructional safeguard is not required.	N/A
9.6	Requirements for wireless power transmit	ters ret little milit well w	Р
9.6.1	General	See below.	- Par
9.6.2	Specification of the foreign objects	See table 9.6.	√/P
9.6.3	Test method and compliance	: See table 9.6.	Р

10	RADIATION		P (
10.2	Radiation energy source classification		N. Par
10.2.1	General classification	See below	EF PIEF
21/2	Lasers:	the write with their one	_
MATER	Lamps and lamp systems	RS1: LED only for indicating use which is considered as low	_



Page 20 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict

Clause	ivedanement – rest	Result – Remark	Verdict
- ans		power application.	-20
WITE N	Image projectors:	4 4 4	-
11 22	X-Ray:		
TILE OUT	Personal music player		
10.3	Safeguards against laser radiation	her the the the	N/A
10.5	The standard(s) equipment containing laser(s)	No laser radiation	N/A
	comply:	No laser radiation	IN/A
10.4	Safeguards against optical radiation from lamps and lamp systems (including LED types)		Р
10.4.1	General requirements	LED indication light: Classed as RS1 (Exempt Group)	nn P
LIEK WALT	Instructional safeguard provided for accessible radiation level needs to exceed	LIET WILLEY WILLEY	N/A
the Text	Risk group marking and location:	i i di at at	N/A
m	Information for safe operation and installation	er white white white w	N/A
10.4.2	Requirements for enclosures	at at let a	N/A
mr a	UV radiation exposure:	MULL MULL MULL MULL	N/A
10.4.3	Instructional safeguard:	at the life	N/A
10.5	Safeguards against X-radiation	in the m	N/A
10.5.1	Requirements	No X-radiation	N/A
	Instructional safeguard for skilled persons	is mir me me	_
10.5.3	Maximum radiation (pA/kg)	A TEN LITER STIFF ON	_
10.6	Safeguards against acoustic energy sources	1/1 1/1 1/1	N/A
10.6.1	General	STEEL STEEL SOLIES WALT	N/A
10.6.2	Classification	Mr. Mr. Mr.	N/A
The Will	Acoustic output L _{Aeq,T} , dB(A)	LIER OLIER WILL WHITE	N/A
ek mijek	Unweighted RMS output voltage (mV):	No such electrical output socket	N/A
	Digital output signal (dBFS):	The Mr. M. A.	N/A
10.6.3	Requirements for dose-based systems	THE LITTER NUTTER ONLY	N/A
10.6.3.1	General requirements	24, 24, 25	N/A
10.6.3.2	Dose-based warning and automatic decrease	LIET MITER WAITE WALL	N/A
10.6.3.3	Exposure-based warning and requirements	in to the	N/A
MUL	30 s integrated exposure level (MEL30):	LIER INLIER MILIE WHILE .	N/A
y all	Warning for MEL ≥ 100 dB(A):	a state	N/A
10.6.4	Measurement methods	THE WALL WALL WALL WE	Р
10.6.5	Protection of persons	a at at a	P
an a	Instructional safeguards	WILL MULL MULL MULL	An P



Page 21 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
The same	W W THE	The William William	me m.
10.6.6	Requirements for listening devices (headphones, earphones, etc.)	F TER TER STER	N/A
10.6.6.1	Corded listening devices with analogue input	Mrs. Mrs. Mrs.	N/A
NITER MAL	Listening device input voltage (mV):	TER LIER NITER	N/A
10.6.6.2	Corded listening devices with digital input	in in in	N/A
IL THE	Max. acoustic output L _{Aeq,T} , dB(A):	SIEK SLIEK NLIEK SIN	N/A
10.6.6.3	Cordless listening devices	24. 24.	N/A
MILL	Max. acoustic output L _{Aeq,T} , dB(A):	et liet with with	N/A

В	NORMAL OPERATING CONDITION TESTS, ABNORMAL OPERATING CONDITION TESTS AND SINGLE FAULT CONDITION TESTS		JIN P	
B.1 General		L at let test stept	LITE P	
B.1.5	Temperature measurement conditions	(See appended table B.1.5)	Р	
B.2	Normal operating conditions	et tet tet stet stet o	P	
B.2.1	General requirements:	(See Test Item Particulars and appended test tables)	Р	
My 1	Audio Amplifiers and equipment with audio amplifiers	White white will be	N/A	
B.2.3	Supply voltage and tolerances	Rated input 9Vdc	an P	
B.2.5	Input test	(See appended table B.2.5)	P	
B.3	Simulated abnormal operating conditions	LITE WALL WALL WALL OF	Р	
B.3.1	General	(See appended table B.3)	P.	
B.3.2	Covering of ventilation openings	No ventilation openings.	N/A	
J. T. E.	Instructional safeguard:	at let tet te	N/A	
B.3.3	DC mains polarity test	Not supplied by D.C. mains	N/A	
B.3.4	Setting of voltage selector	No such selector	N/A	
B.3.5	Maximum load at output terminals	(See appended table B.3)	Р	
B.3.6	Reverse battery polarity	No such battery	N/A	
B.3.7	Audio amplifier abnormal operating conditions	(See appended table B.3)	Р	
B.3.8	Safeguards functional during and after abnormal operating conditions:	All safeguards remained effective	Р	
B.4	Simulated single fault conditions	it let set set siet	Р	
B.4.1	General	my my my my	Р	
B.4.2	Temperature controlling device	See appended table B.4 for details	P	
B.4.3	Blocked motor test	No motors	N/A	
B.4.4	Functional insulation	See below.	Р	
B.4.4.1	Short circuit of clearances for functional insulation	(See appended table B.4)	Р	



	EN IEC62368-		
Clause	Requirement – Test	Result – Remark	Verdict
B.4.4.2	Short circuit of creepage distances for functional insulation	(See appended table B.4)	Р
B.4.4.3	Short circuit of functional insulation on coated printed boards	No coated printed boards within the EUT	N/A
B.4.5	Short-circuit and interruption of electrodes in tubes and semiconductors	(See appended table B.4)	Р
B.4.6	Short circuit or disconnection of passive components	(See appended table B.4)	Р
B.4.7	Continuous operation of components	The EUT is continuous operating type and no such components intended for short time operation or intermittent operation	N/A
B.4.8	Compliance during and after single fault conditions	No change to circuits classified in 5.3	ALLIE P.
B.4.9	Battery charging and discharging under single fault conditions	EK SLIEK MATER WALLER W	N/A
С	UV RADIATION		N/A
C.1	Protection of materials in equipment from UV radiation		N/A
C.1.2	Requirements	No such UV generated from the equipment.	N/A
C.1.3	Test method	The state of the s	N/A
C.2	UV light conditioning test	LIFE MITE WALL WALL	N/A
C.2.1	Test apparatus	a de de	N/A
C.2.2	Mounting of test samples	A WILL WHILE MUTTER WA	N/A
C.2.3	Carbon-arc light-exposure test	in the set of	N/A
C.2.4	Xenon-arc light-exposure test	White while while whi	N/A
D	TEST GENERATORS		N/A
D.1	Impulse test generators	Write Muris Mur Mur	N/A
D.2	Antenna interface test generator	at alt alt are	N/A
D.3	Electronic pulse generator	is must must me a	N/A
E	TEST CONDITIONS FOR EQUIPMENT CONTAIN	IING AUDIO AMPLIFIERS	N/A
E.1	Electrical energy source classification for audio	o signals	N/A
intite" all	Maximum non-clipped output power (W):	TEX TEX OUTER MITE	_
	Rated load impedance (Ω)	m m m	_
The Will	Open-circuit output voltage (V)	JEX STEK WITER WITE	_
t et	Instructional safeguard:	14, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	_
E.2	Audio amplifier normal operating conditions	iek aliek anliek anliek an	N/A
et.	Audio signal source type	1 × 2+	e —
aris a	Audio output power (W)	LIFE NITE MILE MILE	



Page 23 of 67

70,	EN IEC62368	the week was	20 20
Clause	Requirement – Test	Result – Remark	Verdict
Me	M W State of	the write war, and any	7/1
E+	Audio output voltage (V):		_
mir n	Rated load impedance (Ω):	R WILL WILL MULL MULL	_
all i	Requirements for temperature measurement	a at at at	N/A
E.3	Audio amplifier abnormal operating conditions	ALTE WALL WALL WALL	N/A
F	EQUIPMENT MARKINGS, INSTRUCTIONS, ANI SAFEGUARDS	DINSTRUCTIONAL	TEK P
F.1	General		P
Mr.	Language	English	_
F.2	Letter symbols and graphical symbols	a to the state of	Р
F.2.1	Letter symbols according to IEC60027-1	Letter symbols for quantities and units are complied with IEC 60027-1.	WITEL O
F.2.2	Graphic symbols according to IEC, ISO or manufacturer specific	Graphical symbols are complied with IEC 60417, ISO 3864-2, ISO 7000 or ISO 7010.	JEK P
F.3	Equipment markings		P
F.3.1	Equipment marking locations	The required marking is located on the enclosure of the equipment and is easily visible.	MILITER
F.3.2	Equipment identification markings	See below for details.	P)
F.3.2.1	Manufacturer identification:	See copy of marking plate	, P
F.3.2.2	Model identification:	See copy of marking plate	Р
F.3.3	Equipment rating markings	See below for details.	P
F.3.3.1	Equipment with direct connection to mains	Supplying by 5Vdc	N/A
F.3.3.2	Equipment without direct connection to mains	See above.	νP
F.3.3.3	Nature of the supply voltage:	See copy of marking plate.	Р
F.3.3.4	Rated voltage:	See copy of marking plate.	P
F.3.3.5	Rated frequency:	DC supply	Р
F.3.3.6	Rated current or rated power:	See copy of marking plate.	Р
F.3.3.7	Equipment with multiple supply connections	Single supply connection.	N/A
F.3.4	Voltage setting device	No voltage setting device.	N/A
F.3.5	Terminals and operating devices	Meri Mer Mer Me	N/A
F.3.5.1	Mains appliance outlet and socket-outlet markings:	OLIEK WILLER WILLER	N/A
F.3.5.2	Switch position identification marking:	t it it it.	N/A
F.3.5.3	Replacement fuse identification and rating markings:	The man men w	N/A
W. C. M	Instructional safeguards for neutral fuse:	LIE NITE WITH MILE	N/A



Page 24 of 67

	EN IEC62368-	er are an an a	7
Clause	Requirement – Test	Result – Remark	Verdict
Mrs.	n n v	EL WILL WILL WILL WE	21/2
F.3.5.4		No such battery.	N/A
F.3.5.5	Neutral conductor terminal	No such parts.	N/A
F.3.5.6	Terminal marking location	The state of	N/A
F.3.6	Equipment markings related to equipment classification	Class III equipment	N/A
F.3.6.1	Class I equipment	TEX STER WITER WITE W	N/A
F.3.6.1.1	Protective earthing conductor terminal:	71, 24	N/A
F.3.6.1.2	Protective bonding conductor terminals:	A SLIER WITE WALLE WAS	N/A
F.3.6.2	Equipment class marking	Chi Ta At Si	N/A
F.3.6.3	Functional earthing terminal marking	alier with white white	N/A
F.3.7	Equipment IP rating marking:	This equipment is classified as IPX0.	MITEL V
F.3.8	External power supply output marking:	See copy of marking plate.	P
F.3.9	Durability, legibility and permanence of marking	Marking is considered to be legible and easily discernible. See also the following details.	P
F.3.10 INTERVALLE WHITE WHI	Test for permanence of markings	The label was subjected to thepermanence of marking test. Thelabel was rubbed with cloth soakedwith water for 15 sec. And thenagain for 15 sec, with the clothsoaked with petroleum spirit. After this test there was nodamage to the label. The markingon the label did not fade. Therewas no curling and lifting of thelabel edge. After each test, the markingremained legible.	White was
F.4	Instructions	LEK TEK LIEK ALTEK	P. T. P.
	a) Information prior to installation and initial use	See user manual	Р
ER WALTER	b) Equipment for use in locations where children not likely to be present	EX WILLEY MUTEL MUTEL ON	N/A
CIER	c) Instructions for installation and interconnection	- at at at	N/A
In a	d) Equipment intended for use only in restricted access area	und und und un	N/A
ne in	e) Equipment intended to be fastened in place	WILL MULL MULL MULL	N/A
LET LE	f) Instructions for audio equipment terminals	the state	N/A
1/1/2	g) Protective earthing used as a safeguard	LIE WILL MILL MILL	N/A
WALTER	h) Protective conductor current exceeding ES2 limits	of still milet writer on	N/A
x	i) Graphic symbols used on equipment	20, 20, 5	N/A



Page 25 of 67

	EN IEC62368-	yes the the the	72, 2
Clause	Requirement – Test	Result – Remark	Verdict
Me	Mr. W. The state of the state of	TER STILL SOUTH STATE	me m
. WITEK	j) Permanently connected equipment not provided with all-pole mains switch	the test states	N/A
	k) Replaceable components or modules providing safeguard function	were the text	N/A
20	Equipment containing insulating liquid	WILL MUTE MUTE AND	N/A
IEH NIE	m) Installation instructions for outdoor equipment	at all telt of	N/A
F.5	Instructional safeguards	in win we want	N/A
G	COMPONENTS		P
G.1	Switches	Mr. Mr. M.	N/A
G.1.1	General	No switch used	N/A
G.1.2	Ratings, endurance, spacing, maximum load	Mr. Mr. Mr. M.	N/A
G.1.3	Test method and compliance	THE LITER OUTER AND	N/A
G.2	Relays	L. M. M. M.	N/A
G.2.1	Requirements	No relay used.	N/A
G.2.2	Overload test	70, 70	N/A
G.2.3	Relay controlling connectors supplying power to other equipment	White while while	N/A
G.2.4	Test method and compliance	Alt Contract of	N/A
G.3	Protective devices	3 13	N/A
G.3.1	Thermal cut-offs	No such component	N/A
MITER	Thermal cut-outs separately approved according to IEC 60730 with conditions indicated in a) & b)	of the the tree	N/A
TEX.	Thermal cut-outs tested as part of the equipment as indicated in c)	The the total	N/A
G.3.1.2	Test method and compliance	WELL MUST MUST A	N/A
G.3.2	Thermal links	No such component	N/A
G.3.2.1	a) Thermal links tested separately according to IEC 60691 with specifics	he we we at	N/A
24	b) Thermal links tested as part of the equipment	CIE WALL MALL WALL	N/A
G.3.2.2	Test method and compliance	t at at at	N/A
G.3.3	PTC thermistors	No such component	N/A
G.3.4	Overcurrent protection devices	No such component	N/A
G.3.5	Safeguards components not mentioned in G.3.1 to G.3.4	mus mus mis m	N/A
G.3.5.1	Non-resettable devices suitably rated and marking provided	THE WITE WITE WALL WAS	N/A
G.3.5.2	Single faults conditions:	lex write write white	N/A
G.4	Connectors	an a state	N/A
G.4.1	Spacings	No such component	s N/A



Page 26 of 67

-00.	EN IEC62368-	yes are are an	70. 4.
Clause	Requirement – Test	Result – Remark	Verdict
G.4.2	Mains connector configuration	the with mile and	N/A
	Mains connector configuration:	A 10 10 10 10 10 10 10 10 10 10 10 10 10	- C
G.4.3	Plug is shaped that insertion into mains socket- outlets or appliance coupler is unlikely	MULL MULL MULL	N/A
G.5	Wound components	TEK TIEK NITER IN	N/A
G.5.1	Wire insulation in wound components	No such component	N/A
G.5.1.2	Protection against mechanical stress	CER STEE WITER MILE	N/A
G.5.2	Endurance test	20 20 A	N/A
G.5.2.1	General test requirements	ALTER WITE WALTER	N/A
G.5.2.2	Heat run test	70 J. J.	N/A
me, in	Test time (days per cycle)	WITE WILL WALL A	
LET SE	Test temperature (°C):	a at at .	_ + _
G.5.2.3	Wound components supplied from the mains	Wife while while who	N/A
G.5.2.4	No insulation breakdown	a at at A	N/A
G.5.3	Transformers	white and win	N/A
G.5.3.1	Compliance method:	at the the	N/A
40 2	Position:	With My Miles	N/A
NITER IN	Method of protection	It The	N/A
G.5.3.2	Insulation	2 24 24	N/A
TER SILTE	Protection from displacement of windings:	the the title all	_
G.5.3.3	Transformer overload tests	The The A	N/A
G.5.3.3.1	Test conditions	of liter alter with	N/A
G.5.3.3.2	Winding temperatures	14 14 14	N/A
G.5.3.3.3	Winding temperatures - alternative test method	LIER OLIER MITE	N/A
G.5.3.4	Transformers using FIW	24, 20, 4	N/A
G.5.3.4.1	General	LITER OLITER WALTER WAY	N/A
Et LET	FIW wire nominal diameter:		, –
G.5.3.4.2	Transformers with basic insulation only	TER WHITE WHITE MALL	N/A
G.5.3.4.3	Transformers with double insulation or reinforced insulation:	- STEE MITES MILIES	N/A
G.5.3.4.4	Transformers with FIW wound on metal or ferrite core	TEX ITEX SLITER I	N/A
G.5.3.4.5	Thermal cycling test and compliance	me me me	N/A
G.5.3.4.6	Partial discharge test	TER STER WILLIAM	N/A
G.5.3.4.7	Routine test	20 20 20	N/A
G.5.4	Motors	No motors used.	N/A
G.5.4.1	General requirements	20 2 3 X	N/A
G.5.4.2	Motor overload test conditions	LIEF LIFE RUIE	N/A

Page 27 of 67

	EN IEC62368-	D. 11. 12. 2	
Clause	Requirement – Test	Result – Remark	Verdict
G.5.4.3	Running overload test	the many and and	N/A
G.5.4.3 G.5.4.4.2	Locked-rotor overload test	A THE TOP	N/A
G.5.4.4.2		They are were a	IN/A
0.5.4.5	Test duration (days):	all the little	- 1 N/A N
G.5.4.5	Running overload test for DC motors	inti met me mi	N/A
G.5.4.5.2	Tested in the unit	at the the	N/A
G.5.4.5.3	Alternative method	is me me m	N/A
G.5.4.6	Locked-rotor overload test for DC motors	L At Att Att	N/A
G.5.4.6.2	Tested in the unit	The Mr. M.	N/A
ILITER WA	Maximum Temperature	it like the	N/A
G.5.4.6.3	Alternative method	me me me	N/A
G.5.4.7	Motors with capacitors	LET JET JET NI	N/A
G.5.4.8	Three-phase motors	of the the	N/A
G.5.4.9	Series motors	et jet jiet mile	N/A
	Operating voltage:	in in in	_
G.6	Wire Insulation	t lifet alife mile	N/A
G.6.1	General	Only ES1 existed	N/A
G.6.2	Enamelled winding wire insulation	- CIT WITE NO	N/A
G.7	Mains supply cords		N/A
G.7.1	General requirements	No such component	N/A
t et	Type:	. "	_
G.7.2	Cross sectional area (mm² or AWG):	MITTER MILITER WALLE	N/A
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	ifet wifet mifet	N/A
G.7.3.2	Cord strain relief	m m	N/A
G.7.3.2.1	Requirements	LIER WILL WILL WILL	N/A
* #	Strain relief test force (N):		N/A
G.7.3.2.2	Strain relief mechanism failure	TEC INLIES WALLE WALLE	N/A
G.7.3.2.3	Cord sheath or jacket position, distance (mm):	a de de	N/A
G.7.3.2.4	Strain relief and cord anchorage material	WILL WHILE WHILE	N/A
G.7.4	Cord Entry	+ + +	N/A
G.7.5	Non-detachable cord bend protection	Write Ware Mary M	N/A
G.7.5.1	Requirements	a at at a	N/A
G.7.5.2	Test method and compliance	Fill MULL MULL MULL	N/A
WALTE!	Overall diameter or minor overall dimension, <i>D</i> (mm):	ex street mires outres	
		102	



Page 28 of 67

-20,	EN IEC62368-	tis the the	in
Clause	Requirement – Test	Result – Remark	Verdict
0.7.0		Experience with the the	1 11/1
G.7.6	Supply wiring space		N/A
G.7.6.1	General requirements	with any and any	N/A
G.7.6.2	Stranded wire	The state of the	N/A
G.7.6.2.1	Requirements	write mir wir were	N/A
G.7.6.2.2	Test with 8 mm strand	at the cert	N/A
G.8	Varistors	The Mary August An	N/A
G.8.1	General requirements	No such component	N/A
G.8.2	Safeguards against fire	with the Me M.	N/A
G.8.2.1	General	at all the the	N/A
G.8.2.2	Varistor overload test	with mir me me	N/A
G.8.2.3	Temporary overvoltage test	of let let liet liet	N/A
G.9	Integrated circuit (IC) current limiters	in my my mi	N/A
G.9.1	Requirements	No such component	N/A
	IC limiter output current (max. 5A)	Mr. Mr. M.	_
UNLTER	Manufacturers' defined drift:	THE LITTER BUTTER ABUT	_
G.9.2	Test Program	100 100 100	N/A
G.9.3	Compliance	LEE CALLE WILLIAM	N/A
G.10	Resistors	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A
G.10.1	General	No such component	N/A
G.10.2	Conditioning	The state of	N/A
G.10.3	Resistor test	A RELEGIANCE WALL WAS	N/A
G.10.4	Voltage surge test		N/A
G.10.5	Impulse test	THE WALTE WALTE WALTE	N/A
G.10.6	Overload test	a de det	N/A
G.11	Capacitors and RC units	INLIE WALLE WALL WALL	N/A
G.11.1	General requirements	No such component	N/A
G.11.2	Conditioning of capacitors and RC units	" unit with with with	N/A
G.11.3	Rules for selecting capacitors	- at at art of	N/A
G.12	Optocouplers	MULT THE THE THE	N/A
INLIES WAS	Optocouplers comply with IEC 60747-5-5 with specifics	No such component	N/A
TEK JE	Type test voltage V _{ini,a} :	at at at the	_
7/1/2	Routine test voltage, V _{ini. b}	LIE WELL MET MET A	_
G.13	Printed boards	at the filt	N/A
G.13.1	General requirements	Only need to comply with functional insulation, see only B.4.4.	N/A



Page 29 of 67

20,	EN IEC62368-	the the the	20, 0,
Clause	Requirement – Test	Result – Remark	Verdict
- ap.	M. M. John M. John M. J. Commission of the Commi	the Walter Walter Walter	ne m
G.13.2	Uncoated printed boards		N/A
G.13.3	Coated printed boards	WHITE WHITE WILL WI	N/A
G.13.4	Insulation between conductors on the same inner surface	TER TER STEEL MET	N/A
G.13.5	Insulation between conductors on different surfaces	of the tree tree	N/A
10.	Distance through insulation:	in mer mer me	N/A
aller.	Number of insulation layers (pcs)	t get get get	<u> </u>
G.13.6	Tests on coated printed boards	The The Angel	N/A
G.13.6.1	Sample preparation and preliminary inspection	TEX JEX NITER IN	N/A
G.13.6.2	Test method and compliance	m m m	N/A
G.14	Coating on components terminals	TEX TEX STER SHIP	N/A
G.14.1	Requirements	2 My 20, 1	N/A
G.15	Pressurized liquid filled components	TER STEEL WITE WALLE	N/A
G.15.1	Requirements	No such component	N/A
G.15.2	Test methods and compliance	CHIEF WITE WALLE	N/A
G.15.2.1	Hydrostatic pressure test		N/A
G.15.2.2	Creep resistance test	Marin Juni	N/A
G.15.2.3	Tubing and fittings compatibility test	+ 11	N/A
G.15.2.4	Vibration test	The Will Mill Mill	N/A
G.15.2.5	Thermal cycling test	L St. St. St.	N/A
G.15.2.6	Force test	Whit whit whe	N/A
G.15.3	Compliance	. Let TEX TEX	N/A
G.16	IC including capacitor discharge function (ICX)	mr m m	N/A
G.16.1	Condition for fault tested is not required	No such component	N/A
	ICX with associated circuitry tested in equipment	Les Mus Mus Mus	N/A
ET MILTER	ICX tested separately	Et TEX TIER OUTER	N/A
G.16.2	Tests	21/2 21/2 21/2	N/A
Alver A	Smallest capacitance and smallest resistance specified by ICX manufacturer for impulse test:	White white white o	nc -
INCTER VIN	Mains voltage that impulses to be superimposed on:	UNLIES WALTER WALTER WAL	_
TEX WITE	Largest capacitance and smallest resistance for ICX tested by itself for 10000 cycles test:	TEL NIET WIFE WAITE	F _
G.16.3	Capacitor discharge test:	711 111 11	N/A
Н	CRITERIA FOR TELEPHONE RINGING SIGNAL	S	N/A
H.1	General	1 A 14	N/A
H.2	Method A	Life Will Will W	N/A



Page 30 of 67

EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	

H.3	Method B		N/A
H.3.1	Ringing signal	No telephone ringing signal generated within the equipment.	N/A
H.3.1.1	Frequency (Hz):	VII MILL ME ME	_
H.3.1.2	Voltage (V):	et set set with	_
H.3.1.3	Cadence; time (s) and voltage (V):	in the the the the	_
H.3.1.4	Single fault current (mA)::	t Tex lifet alies and	_
H.3.2	Tripping device and monitoring voltage	Mr. M. M.	N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage	united white white white	N/A
H.3.2.2	Tripping device	the the tip other	N/A
H.3.2.3	Monitoring voltage (V):	in the the sail	N/A
J	INSULATED WINDING WIRES FOR USE WITHOUT INTERLEAVED INSULATION		N/A
J.1	General	t lest test their site	N/A
211 1	Winding wire insulation:	were my my my	_
NLTER NICH	Solid round winding wire, diameter (mm):	if the stiff	N/A
SER SLIP	Solid square and rectangular (flatwise bending) winding wire, cross-sectional area (mm²):	The state of the s	N/A
J.2/J.3	Tests and Manufacturing	it will me me of	$\frac{1}{2}$
K	SAFETY INTERLOCKS		N/A
K.1	General requirements		N/A
Malifer W	Instructional safeguard:	No safety interlock provided within the equipment.	N/A
K.2	Components of safety interlock safeguard med	hanism	N/A
K.3	Inadvertent change of operating mode	write must must my	N/A
K.4	Interlock safeguard override	at let tet atter o	N/A
K.5	Fail-safe	in mer and any	N/A
K.5.1	Under single fault condition	- LEK TEK JEK MIT	N/A
K.6	Mechanically operated safety interlocks	me me me	N/A
K.6.1	Endurance requirement	TEX TEX WITE WITE	N/A
K.6.2	Test method and compliance:	10. 20. 20. 20.	N/A
K.7	Interlock circuit isolation	TEX STEE WITER WAITE OF	N/A
K.7.1	Separation distance for contact gaps & interlock circuit elements	at the text of	N/A
T. C.	In circuit connected to mains, separation distance for contact gaps (mm):	me me m	N/A



Page 31 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
- apr		the write which our war	40
MITER OF	In circuit isolated from mains, separation distance for contact gaps (mm)	tet tet tret mil	N/A
	Electric strength test before and after the test of K.7.2	(See appended table 5.4.9)	N/A
K.7.2	Overload test, Current (A):	Will MULL MULL MULL	N/A
K.7.3	Endurance test	at let let let	N/A
K.7.4	Electric strength test	in the the the	N/A
L	DISCONNECT DEVICES		N/A
L.1	General requirements	Mr. Mr. M. M.	N/A
L.2	Permanently connected equipment	TEX STEX STEE STEE	N/A
L.3	Parts that remain energized	m m m	N/A
L.4	Single-phase equipment	TEX STER STEE WITE SPATE	N/A
L.5	Three-phase equipment	The	_ N/A
L.6	Switches as disconnect devices	EX SITEX WITE WHITE WI	N/A
L.7	Plugs as disconnect devices	70 70 70	N/A
L.8	Multiple power sources	CLIEB WITE WALL WALL	N/A
LET .	Instructional safeguard:		N/A
М	EQUIPMENT CONTAINING BATTERIES AND TH	HEIR PROTECTION CIRCUITS	N/A
M.1	General requirements		N/A
M.2	Safety of batteries and their cells	THE MUTE MUTE AND A	N/A
M.2.1	Batteries and their cells comply with relevant IEC standards	Approved battery pack used	N/A
M.3	Protection circuits for batteries provided within the equipment	The state state intil	N/A
M.3.1	Requirements	The the the	N/A
M.3.2	Test method	LIER RITER MITER WALTER	N/A
EK WITE	Overcharging of a rechargeable battery	(See appended table AnnexM)	N/A
TEK	Excessive discharging	(See appended table AnnexM)	N/A
W	Unintentional charging of a non-rechargeable battery	No such battery used	N/A
ive. Au	Reverse charging of a rechargeable battery	Built-in battery used, reverse charging is prevented	N/A
M.3.3	Compliance	No chemical leakage, no spillage of liquid, no explosion of the battery, no emission of flame or expulsion of molten metal	N/A
M.4	Additional safeguards for equipment containin lithium battery	g a portable secondary	N/A



Page 32 of 67

r. aller	EN IEC62368-	lifer white white white	no an
Clause	Requirement – Test	Result – Remark	Verdict
M.4.1	General	the transfer was all	N/A
M.4.2	Charging safeguards	Under normal operating conditions, abnormal operating conditions or single fault conditions, the charging voltage, charging current of the battery no exceed the maximum specified charging voltage and maximum specified charging current.	N/A
M.4.2.1	Requirements	Mur. Mur. Mr. M.	N/A
M.4.2.2	Compliance	(See appended table M.4.2)	N/A
M.4.3	Fire enclosure	V-0 fire enclosure used	N/A
M.4.4	Drop test of equipment containing a secondary lithium battery	LIER WHITER WHITER	N/A
M.4.4.2	Preparation and procedure for the drop test	at left the to	N/A
M.4.4.3	Drop, Voltage on reference and dropped batteries (V); voltage difference during 24 h period (%)::	The voltage difference not exceed 5%.	N/A
M.4.4.4	Check of the charge/discharge function	Three complete discharge and charge cycles under normal operating conditions.	N/A
M.4.4.5	Charge / discharge cycle test	No fire, explosion and any electrolyte leakage	N/A
M.4.4.6	Compliance	the write mer mer a	N/A
M.5	Risk of burn due to short-circuit during carryin	9 at let let	P.TER
M.5.1	Requirement	No bare conductive terminal used	N/A
M.5.2	Test method and compliance	INLIER MALTE MALT WALL	N/A
M.6	Safeguards against short-circuits	at the fift	N/A
M.6.1	External and internal faults	HITE WALL WALL WALL	N/A
M.6.2	Compliance	The battery complied with IEC 62133-2 which considered the internal fault tests. No such explosion or fire likely to result from short circuits.	N/A
M.7	Risk of explosion from lead acid and NiCd batteries		N/A
M.7.1	Ventilation preventing explosive gas concentration	No such battery used	N/A
il Muri	Calculated hydrogen generation rate:	TEX SITE WITE WAITE	N/A
M.7.2	Test method and compliance	70 7	N/A
ant.	Minimum air flow rate, Q (m³/h):	it write write while my	N/A
M.7.3	Ventilation tests	a de de	N/A
M.7.3.1	General	WILL MULL MULL MULL	N/A



Page 33 of 67

20.	EN IEC62368-1	in the state of	20, 0
Clause	Requirement – Test	Result – Remark	Verdict
ah.	W. W. S. Tell of	the wife many and and	, 191.
M.7.3.2	Ventilation test – alternative 1		N/A
ang a	Hydrogen gas concentration (%):	WILL MILL MULL AMERICAN	N/A
M.7.3.3	Ventilation test – alternative 2	The total the state of	N/A
Vr. Mr.	Obtained hydrogen generation rate:	WILL WILL MALL MALL	N/A
M.7.3.4	Ventilation test – alternative 3	a state of the	N/A
The same	Hydrogen gas concentration (%):	the write white white w	N/A
M.7.4	Marking:	e at all all a	N/A
M.8	Protection against internal ignition from externa with aqueous electrolyte	al spark sources of batteries	N/A
M.8.1	General	CHER WILL MULL MULL	N/A
M.8.2	Test method	an at the	N/A
M.8.2.1	General	THE WILL WILL WILL	N/A
M.8.2.2	Estimation of hypothetical volume V_Z (m³/s):	a state of the	18th -
M.8.2.3	Correction factors:	White Must Must All	70,
M.8.2.4	Calculation of distance d (mm):	at at the s	d 4
M.9	Preventing electrolyte spillage	WILL MILL MILL ME	N/A
M.9.1	Protection from electrolyte spillage	THE STEE	N/A
M.9.2	Tray for preventing electrolyte spillage	2 100 100	N/A
M.10	Instructions to prevent reasonably foreseeable misuse	TE WILL WHILE WHITE	N/A
LIFE	Instructional safeguard:	t at alt alt a	N/A
N	ELECTROCHEMICAL POTENTIALS	Mury Mury Miles And	N/A
LITER OF	Material(s) used:	et let let lik	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0	MEASUREMENT OF CREEPAGE DISTANCES A	ND CLEARANCES	N/A
LITE INLI	Value of <i>X</i> (mm):	TEN TEN TEN ALTER	10 CT C
P	SAFEGUARDS AGAINST CONDUCTIVE OBJECT	rs .	N/A
P.1	General	See below	N/A
P.2	Safeguards against entry or consequences of e	ntry of a foreign object	N/A
P.2.1	General	LIFE NITE WITH WALL	N/A
P.2.2	Safeguards against entry of a foreign object	This is a second	N/A
ines and	Location and Dimensions (mm)	No opening.	Murre
P.2.3	Safeguards against the consequences of entry of a foreign object	TER STEEL STEEL STEEL	N/A
P.2.3.1	Safeguard requirements	1/11 1/11 1/11	N/A
MULT	The ES3 and PS3 keep-out volume in Figure P.3 not applicable to transportable equipment	et unite waited united un	N/A



Page 34 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
- c ₁₁ .	Transportable equipment with metalized plastic	The same of the same	N/A
	parts:	LET THE THE SUIT	IN/A
P.2.3.2	Consequence of entry test:	mr. m. m. m.	N/A
P.3	Safeguards against spillage of internal liquids		N/A
P.3.1	General	No such liquids.	N/A
P.3.2	Determination of spillage consequences	THE LITTER STITES AND THE SALES	N/A
P.3.3	Spillage safeguards	M. M. a.	N/A
P.3.4	Compliance	t lift with with whi	N/A
P.4	Metallized coatings and adhesives securing pa	rts	N/A
P.4.1	General	No such construction.	N/A
P.4.2	Tests	and the same	N/A
ir. Aur.	Conditioning, T _C (°C):	LIER WILL MULL MULL	12, 7
it Tek	Duration (weeks):	1 L A A	18th - 1
Q S	CIRCUITS INTENDED FOR INTERCONNECTION	WITH BUILDING WIRING	N/A
Q.1	Limited power sources	See appended table Annex Q.1	N/A
Q.1.1	Requirements		N/A
160 M	a) Inherently limited output	and and	N/A
CENT CIR	b) Impedance limited output	4 14	N/A
1/1	c) Regulating network limited output	The west was and a	N/A
t JEK	d) Overcurrent protective device limited output	e at at the	N/A
71/2	e) IC current limiter complying with G.9	MULL MILL MILL MI	N/A
Q.1.2	Test method and compliance:	See below	N/A
	Current rating of overcurrent protective device (A)	See appended table Annex Q.1	N/A
Q.2	Test for external circuits – paired conductor cable	No such circuit for connection to the EUT	N/A
MULL	Maximum output current (A)	I'M MITE WATER WALTE W	N/A
. Care	Current limiting method:	1	y <u></u>
R	LIMITED SHORT CIRCUIT TEST	INTER MALLE MALLE MALLE	N/A
R.1	General	No such consideration.	N/A
R.2	Test setup	WILL MULL MULL MULL	N/A
TEX IS	Overcurrent protective device for test:	a de de de	5 C
R.3	Test method	rice write may my	N/A
y JEL	Cord/cable used for test:	the state of the state of	56t _5
R.4	Compliance	Mary Ang Ang Ang	N/A



Page 35 of 67

		Sold State of the	
in m		EN IEC62368-1	
Clause	Requirement – Test	Result – Remark	Verdict

S	TESTS FOR RESISTANCE TO HEAT AND FIRE	1/11 1/11	N/A
S.1	Flammability test for fire enclosures and fire ba where the steady state power does not exceed		N/A
Life IN	Samples, material:	TEX TEX NITES MITES	رساناس
.t	Wall thickness (mm):	10 M 20 20	<i></i>
in and	Conditioning (°C):	IER STEE WILL NOTE ON	- 10
- NALTEK	Test flame according to IEC 60695-11-5 with conditions as set out	t the state attack and	N/A
*	- Material not consumed completely	Mr. Mr. An.	N/A
MITTE V	- Material extinguishes within 30s	liet oliet mile while	N/A
<i>A</i> -	- No burning of layer or wrapping tissue	all all a	N/A
S.2	Flammability test for fire enclosure and fire bar	rier integrity	N/A
y	Samples, material:		<u> </u>
Me	Wall thickness (mm):	IN THE MILE WALL WA	'ale
TEX	Conditioning (°C):		- <u>-</u> -
S.3	Flammability test for the bottom of a fire enclos	sure it with which will	N/A
S.3.1	Mounting of samples	At The Ites	N/A
S.3.2	Test method and compliance	2 Aug Au	N/A
SER OU	Mounting of samples	The Lift	116 -10
	Wall thickness (mm):	ne me m	
S.4	Flammability classification of materials	t the tiet while out	N/A
S.5	Flammability test for fire enclosure materials of equipment with a steady state power exceeding 4 000 W	WALLER WHITER WHITE	N/A
at .	Samples, material:	a at at at	A F
211	Wall thickness (mm):	HILL WILL MAN MUN.	100 -0
6th J1	Conditioning (°C):	at at let tet	15 th - 15
T -507	MECHANICAL STRENGTH TESTS	in min me me	Р
T.1 (100)	General	t at the tell of	Р
T.2	Steady force test, 10 N:	(See appended table T.2)	N/A
T.3	Steady force test, 30 N:	TEX TEX STEX NUTER	N/A
T.4	Steady force test, 100 N:	(See appended table T.4)	Р
T.5	Steady force test, 250 N:	TER STER STEE WITE	N/A
T.6	Enclosure impact test	111. 11. 1.	N/A
Murch	Fall test	it aliet milet mile and	N/A
d	Swing test	The second second	N/A
T.7	Drop test	(See appended table T.7)	N P

Page 36 of 67

		200
Requirement – Test	Result – Remark	Verdict
Stress relief test:	(See appended table T.8)	Р
Glass Impact Test:	No such glass	N/A
Glass fragmentation test		
Number of particles counted:	No such glass	N/A
Test for telescoping or rod antennas		
Torque value (Nm):	No such antennas provided within the equipment.	N/A
		N/A
General	SLIEF WIFE SPLIE WILL	N/A
Instructional safeguard:	No CRT provided within the equipment.	N/A
Test method and compliance for non-intrinsicall	y protected CRTs	N/A
Protective screen	iet liet niter uniter ou	N/A
DETERMINATION OF ACCESSIBLE PARTS	74, 25, 2	N/A
Accessible parts of equipment	- NITER WITER WALL WAL	N/A
General		N/A
Surfaces and openings tested with jointed test probes	The funtil mit	N/A
Openings tested with straight unjointed test probes	TE LIE MELLE MELLE	N/A
Plugs, jacks, connectors tested with blunt probe	70, 20,	N/A
Slot openings tested with wedge probe	* NITER MITE MITE WAS	N/A
Terminals tested with rigid test wire	" t t	N/A
Accessible part criterion	CHIEF WALL WALL WALL	N/A
ALTERNATIVE METHOD FOR DETERMINING CLEARANCES FOR INSULATION IN CIRCUITS CONNECTED TO AN AC MAINS NOT EXCEEDING 420 V PEAK (300 V RMS)		N/A
Clearance:	OF JOH JOH JOH	N/A
CONSTRUCTION REQUIREMENTS FOR OUTDO	OR ENCLOSURES	N/A
General	Indoor equipment	N/A
Resistance to UV radiation	41/2 A1 A1	N/A
Resistance to corrosion	NIET WITE WAITE WAITE	N/A
Resistance to corrosion		N/A
Metallic parts of outdoor enclosures are resistant to effects of water-borne contaminants by:	TER WILLER WILLER WILLIAM	N/A
Test apparatus	It THE THE THE THE	N/A
	Stress relief test	Stress relief test



Page 37 of 67

EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	
21/2	The state of the s	TER WITE WILL MILL	The The	
Y.3.5	Compliance		N/A	
Y.4	Gaskets	ALIFE WILL WALLE	N/A	
Y.4.1	General	20, 20, 24	N/A	
Y.4.2	Gasket tests	NITER WHITE WHITE W	N/A	
Y.4.3	Tensile strength and elongation tests	and the second	N/A	
nh.	Alternative test methods:	the write and and	N/A	
Y.4.4	Compression test	L St St St	N/A	
Y.4.5	Oil resistance	MULL MAL WAL	N/A	
Y.4.6	Securing means	. It let let	N/A	
Y.5	Protection of equipment within an outdoor encl	osure	N/A	
Y.5.1	General	at the the	N/A	
Y.5.2	Protection from moisture	hir. Mur. Mur. M.	N/A	
MILIE	Relevant tests of IEC 60529 or Y.5.3:	Et TEX JEX NJ	N/A	
Y.5.3	Water spray test	The The The	N/A	
Y.5.4	Protection from plants and vermin	Y THE LITTER BUTTER	N/A	
Y.5.5	Protection from excessive dust	711 211	N/A	
Y.5.5.1	General	At MITE	N/A	
Y.5.5.2	IP5X equipment		N/A	
Y.5.5.3	IP6X equipment	TE OUT WITH WATER	N/A	
Y.6	Mechanical strength of enclosures		N/A	
Y.6.1	General	THE MITTER MALTER MALTER	N/A	
Y.6.2	Impact test:	" L X	N/A	



U. 2112	M M M	EN IEC62368-1	10 m
Clause	Requirement – Test	Result – Remark	Verdict

ATTACHMENT TO TEST REPORT

IEC 62368-1

EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES

(Audio/video, information and communication technology equipment - Part 1: Safety requirements)

Differences according to..... EN IEC 62368-1:2020+A11:2020

Attachment Form No..... EU_GD_IEC62368_1E

Attachment Originator: UL(Demko)

Master Attachment 2021-02-04

Copyright © 2021 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.

	CENELEC COMMON MODIFICATIONS (EN)	etien with white mer an	Р
Whitek o	Clause numbers in the cells that are shaded light grey are clause references in EN IEC 62368-1:2020+A11:2020. All other clause numbers in that column, except for those in the paragraph below, refers to IEC 62368-1:2018. Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62368-1:2018 are prefixed "Z".		
neit while	Add the following annexes: Annex ZA (normative)Normative references to intern corresponding European publications Annex ZB (normative)Special national conditions Annex ZC (informative)A-deviations Annex ZD (informative)IEC and CENELEC code des	THE WATER WATER WATER WA	EX NIN
1	Modification to Clause 3.		N/A
3.3.19	Sound exposure Replace 3.3.19 of IEC 62368-1 with the following definitions:		N/A
3.3.19.1	momentary exposure level, MEL metric for estimating 1 s sound exposure level from the HD 483-1 S2 test signal applied to both channels, based on EN 50332-1:2013, 4.2. Note 1 to entry: MEL is measured as A-weighted levels in dB. Note 2 to entry: See B.3 of EN 50332-3:2017 for additional information.	Not such equipment	N/A
3.3.19.3	sound exposure, E A-weighted sound pressure (p) squared and integrated over a stated period of time, T Note 1 to entry: The SI unit is Pa ² s. $E = \int_{0}^{T} p(t)^{2} dt$	ALTER WHITE WHITER WHITER WAS	N/A



EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	

Oladoo	Troquiromont Tool	Troodit Tromant	Voluiot
alle.	M W THE JE	atternation of the	no m
3.3.19.4	sound exposure level, SEL	20, 2	N/A
	logarithmic measure of sound exposure relative to a reference value, <i>E</i> ₀ , typically the 1 kHz threshold of hearing in humans.	MULTER WALTER WALTER WA	and a
	Note 1 to entry: SEL is measured as A-weighted levels in dB.	LIEK OLIEK MALTER MALTE	WALLE WA
	- TEX STEEK WILLER WATER MALL MAN A	t at at	Et St
	$SEL = 10 \lg \left(\frac{E}{E_0}\right) dB$	ex multer multer mult	WAL MAN
	Note 2 to entry: See B.4 of EN 50332-3:2017 for additional information.	MULTER WALTE MALL W	NE WITER
3.3.19.5	digital signal level relative to full scale, dBFS	nergalist me me	N/A
	levels reported in dBFS are always r.m.s. Full scale level, 0 dBFS, is the level of a dc-free 997-Hz sine wave whose undithered positive peak value is positive digital full scale, leaving the code corresponding to negative digital full scale unused	TEX WALTER WALTER WALTER	TEX WALE
	Note 1 to entry: It is invalid to use dBFS for non-r.m.s. levels. Because the definition of full scale is based on a sine wave, the level of signals with a crest factor lower than that of a sine wave may exceed 0 dBFS. In particular, square wave signals may reach +3,01 dBFS.	Whitek Multer Mu	LIEK WALTER
2	Modification to Clause 10		N/A
10.6	Safeguards against acoustic energy sources		N/A
	Replace 10.6 of IEC 62368-1 with the following:		Aug Muss
10.6.1.1	Introduction	Not such equipment	N/A
	Safeguard requirements for protection against long-term exposure to excessive sound pressurelevels from personal music players closely coupled to the ear are specified below. Requirements for earphones and headphones	unlites unlites while on	iek mutek a
	intended for use with personal music players are also covered. A personal music player is a portable equipment intended for use by an ordinary person , that:	ELTER MULTER MULTER	WITER WATE
	also covered. A personal music player is a portable equipment intended for use by an ordinary person , that: - is designed to allow the user to listen to audio or audiovisual content / material; and - uses a listening device, such as headphones or earphones that can be worn in or on or around the ears; and - has a player that can be body worn (of a size suitable to be carried in a clothing pocket) and is intended for the user to walk around with while in continuous use (for example, on a street, in a subway, at an airport, etc.).	LIER WHITER WHITER WHITER WHITER WHITER WHITER WHITER MITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER	White white was a super the super text white was the super text white super text will be super text with the super text will b
	also covered. A personal music player is a portable equipment intended for use by an ordinary person , that: - is designed to allow the user to listen to audio or audiovisual content / material; and - uses a listening device, such as headphones or earphones that can be worn in or on or around the ears; and - has a player that can be body worn (of a size suitable to be carried in a clothing pocket) and is intended for the user to walk around with while in continuous use (for example, on a street, in a	LIER WHITER WHITER WHITER MILIER WHITER WHITER WHITER MILIER WHITER WHITER WHITER MILIER WHITER WHITER MILIER WHITER WHITER MILIER WHITER MILIER WHITER	WILLER WALTER WALT WALTER WALTER WALTER WALTER WALTER WALTER WALT WALT WALT WALT WALT WALT WALT WALT



" "he	EN IEC62368-1	The White White White M	2011
Clause	Requirement – Test	Result – Remark	Verdict
Me	Landing and of either 40 00 and 000	White wall was we	1/1/2
EX	requirements of either 10.6.2 or 10.6.3.	L A A A	TEX.
mer m	NOTE 1 Protection against acoustic energy sources from telecom applications is referenced to ITU-T P.360.	untill white white wal	21/2 21
NLTER WALTER	NOTE 2 It is the intention of the Committee to allow the alternative methods for now, but to only use the dose measurement method as given in 10.6.5 in future. Therefore, manufacturers are encouraged to implement 10.6.5 as soon as possible.	LITER WILLER WILLER WILLER W	EX WITE
t TEX	Listening devices sold separately shall comply with the requirements of 10.6.6.	Must show in the	JEK
White 4	These requirements are valid for music or video mode only. The requirements do not apply to:	Multer Multe Mult, Mult	JUNE V
ane an	– professional equipment;	Writer Murie Will Muri	me m
LIEK WALTE	NOTE 3Professional equipment is equipment sold through special sales channels. All products sold throughnormal electronics stores are considered not to be professional equipment.	TER MUTER MUTER MUTER ON	TER WHIT
. WALTEX W	hearing aid equipment and other devices for assistive listening; the following type of analogue personal music	White white wifes while	WALTER
nitek oni Tek Te	players: • long distance radio receiver (for example, a multiband radio receiver or world band radio receiver, an AM radio receiver), and • cassette player/recorder;	and and the antifek a	NITEK WAI
e viniter.	NOTE 4 This exemption has been allowed because this technology is falling out of use and it is expected that within a few years it will no longer exist. This exemption will not be extended to other technologies.	LEAN WHITE MILLER MILLER MILLER	WALTEX.
WALLEK W	 a player while connected to an external amplifier that does not allow the user to walk around while in use. 	UNITER WHITEK WHITEK	MUTER ON
eres ares	For equipment that is clearly designed or intended primarily for use by children, the limits of the relevant toy standards may apply.	TEX WITTER WITTER WITTER W	Lifer Whis
WIN - WITER WALTER	The relevant requirements are given in EN 71-1:2011, 4.20 and the related tests methods and measurement distances apply.	Whit will will with	- WALTER
10.6.1.2	Non-ionizing radiation from radio frequencies in the range 0 to 300 GHz	A ST ST TEX	N/A
TEX WHITE WHITEX	The amount of non-ionizing radiation is regulated by European Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz). For intentional radiators, ICNIRP guidelines should be taken into account for Limiting Exposure to Time-Varying Electric, Magnetic, and Electromagnetic Fields (up to 300 GHz). For handheld and body mounted devices, attention is	TEK TEK TEK STEK	TEX WHITE MILES







Ç	MULL	EN IEC62	2368-1	mil mi
	Clause	Requirement – Test	Result – Remark	Verdict

	drawn to EN 50360 and EN 50566.	20 1	-tt-
10.6.2	Classification of devices without the capacity to	estimate sound dose	N/A
0.6.2.1	General	Not such equipment	N/A
LTEK WILTER WILTER	This standard is transitioning from short-term based (30 s) requirements to long-term based (40 hour) requirements. These clauses remain in effect only for devices that do not comply with sound dose estimation as stipulated in EN 50332-3.	LITER WALTER WALTER WALTER	WAY TE WAY
	For classifying the acoustic output $L_{Aeq, T}$, measurements are based on the A-weighted equivalent sound pressure level over a 30 s period.	MULTER WALTER WHITER WAS	nt mar
	For music where the average sound pressure (long term $L_{Aeq,7}$) measured over the duration of the song is lower than the average produced by the programme simulation noise, measurements may be done over the duration of the complete song. In this case, T becomes the duration of the song.	TEX WALTER WALTER WALTER	JUN TER OUT
LIEK WALE	NOTE Classical music, acoustic music and broadcast typically has an average sound pressure (long term $L_{Aeq,7}$) which is much lower than the average programme simulation noise. Therefore, if the player is capable to analyse the content and compare it with the programme simulation noise, the warning does not need to be given as long as the average sound pressure of the song does not exceed the required limit. For example, if the player is set with the programme simulation noise to 85 dB, but the average music level of the song is only 65 dB, there is no need to give a warning or ask an acknowledgement as long as the average sound level of the song is not above the basic limit of 85 dB.	THE WALTER WALTER WALTER	AND THE WAS
0.6.2.2	RS1 limits (to be superseded, see 10.6.3.2)	LIET OLIER WITER WA	N/A
	RS1 is a class 1 acoustic energy source that does not exceed the following: — for equipment provided as a package (player with its listening device), and with a proprietary connector between the player and its listening device, or where the combination of player and listening device is known by other means such as setting or automatic detection, the <i>L</i> Aeq, <i>τ</i> acoustic output shall be ≤ 85 dB when playing the fixed "programme simulation noise" described in EN 50332-1. — for equipment provided with a standardized connector (for example, a 3,5 phone jack) that allows connection to a listening device for general use, the unweighted r.m.s. output voltage shall be ≤ 27 mV (analogue interface) or -25 dBFS (digital interface) when playing the fixed "programme simulation noise" described in EN 50332-1.	LIEN WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER WHITER	t witet wite
	≤ 27 mV (analogue interface) or -25 dBFS (digital interface) when playing the fixed "programme	ALTER WALTER WALTER	JEK JEK



720	EN IEC62368-1		20, 40,
Clause	Requirement – Test	Result – Remark	Verdict
10.6.2.3	RS2 limits (to be superseded, see 10.6.3.3)	White was the	P
	RS2 is a class 2 acoustic energy source that does not exceed the following: — for equipment provided as a package (player with its listening device), and with a proprietary connector between the player and its listening device, or when the combination of player and listening device is known by other means such as setting or automatic 130 detection, the <i>L</i> Aeq, <i>T</i> acoustic output shall be ≤ 100 dB(A) when playing the fixed "programme simulation noise" as described in EN 50332-1. — for equipment provided with a standardized connector (for example, a 3,5 phone jack) that allows connection to a listening device for general use, the unweighted r.m.s. output voltage shall be ≤ 150 mV (analogue interface) or -10 dBFS (digital interface) when playing the fixed "programme simulation noise" as described in EN 50332-1.	White	EX WATER WAT
10.6.2.4	RS3 limits RS3 is a class 3 acoustic energy source that	Any Any Any	N/A
mr a	exceeds RS2 limits.	WALTE MALTE MALL W	ur w
10.6.3	Classification of devices (new)	At A STEP	N/A
10.6.3.1	General Previous limits (10.6.2) created abundant false negative and false positive PMP sound level warnings. New limits, compliant with The Commission Decision of 23 June 2009, are given below.	Not such equipment	N/A
10.6.3.2	RS1 limits (new)	The The The	N/A
und white wh	RS1 is a class 1 acoustic energy source that does not exceed the following: — for equipment provided as a package (player with its listening device), and with a proprietary connector between the player and its listening device, or where the combination of player and listening device is known by other means such as setting or automatic detection, the LAeq, racoustic output shall be ≤ 80 dB when playing the fixed "programme simulation noise" described in EN 50332-1. — for equipment provided with a standardized connector (for example, a 3,5 phone jack) that allows connection to a listening device for general use, the unweighted r.m.s. output voltage shall be ≤ 15 mV (analogue interface) or -30 dBFS (digital interface) when playing the fixed "programme simulation noise" described in EN 50332-1.	White	EX WITEX WATER WAT
10.6.3.3	RS2 limits (new)	e write write while	N/A
	RS2 is a class 2 acoustic energy source that does not exceed the following: – for equipment provided as a package (player	SUITER MILIER MILIER W	NATER WALTER



Page 43 of 67

	7	V	A
1		V	

EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	
WILLER WILL WILLER WILL WILLER WILLER WILLER WILLER WILLER WILLER WILLER WILLER WILLER	with its listening device), and with a proprietary connector between the player and its listening device, or where the combination of player and listening device is known by other means such as setting or automatic detection, the weekly sound exposure level, as described in EN 50332-3, shall be ≤ 80 dB when playing the fixed "programme simulation noise" described in EN 50332-1. — for equipment provided with a standardized connector (for example, a 3,5 phone jack) that allows connection to a listening device for general use, the unweighted r.m.s. output level, integrated over one week, as described in EN50332-3, shall be ≤ 15 mV (analogue interface) or -30 dBFS (digital interface) when playing the fixed "programme simulation noise" described in EN50332-1.	SUNLIER WHILER WHILER WHILE WH	ntiet whitek whitek white white white whitek	
10.6.4	Requirements for maximum sound exposure	the more more much	N/A	
10.6.4.1	Measurement methods All volume controls shall be turned to maximum during tests. Measurements shall be made in accordance with EN 50332-1 or EN 50332-2 as applicable.	Not such equipment	N/A	
10.6.4.2 Notes of the suntiles	Protection of persons Except as given below, protection requirements for parts accessible to ordinary persons, instructed persons and skilled persons are given in 4.3. NOTE 1 Volume control is not considered a safeguard. Between RS2 and an ordinary person, the basic safeguard may be replaced by an instructional safeguard in accordance with Clause F.5, except that the instructional safeguard shall be placed on the equipment, or on the packaging, or in the instruction manual. Alternatively, the instructional safeguard may be given through the equipment display during use. The elements of the instructional safeguard shall be as follows: - element 1a: the symbol - element 2: "High sound pressure" or equivalent wording - element 3: "Hearing damage risk" or equivalent	TEX WHITEK WHITEK WHITEK	Port Jene	



20.	EN IEC62368-1	is the we also	70 0
Clause	Requirement – Test	Result – Remark	Verdict
ar.	M. M. The Manual of the Manual	The William Mills	me m
	of an ordinary person to an RS2 source without	20 1	* *
	intentional physical action from the ordinary	Let the time	Clife Calif
	person and shall automatically return to an output	will me me a	1. 2.
	level not exceeding what is specified for an RS1		et let
	source when the power is switched off.	THE THE LITTER OF	Sec. 18 12. 19
	The aguinment shall provide a magne to actively	the way and an	
	The equipment shall provide a means to actively inform the user of the increased sound level when		t / 15 /
	the equipment is operated with an output	CER STEE STEE WITH	are are
	exceeding RS1. Any means used shall be	74 24 24.	
	acknowledged by the user before activating a	at the title	- 4E - 4E
	mode of operation which allows for an output	LIER NEIV MEN	are are
	exceeding RS1. The acknowledgement does not	Mr. M. M.	
	need to be repeated more than once every 20 h of	t at at	THE STEE
	cumulative listening time.	alite with while wi	in the
	a the the term the wall was	11, 21, 2	at the
	NOTE 2 Examples of means include visual or audible signals.	at at all s	ET TEN
	Action from the user is always needed.	ITE WILL WALL WALL	211 211
	NOTE 3 The 20 h listening time is the accumulative listening	10. 0	
	time, independent of how often and how long the personal	A At All Chi	LI CLI
	music player has been switched off.	THE WALL WALL	20,
	A skilled person shall not be unintentionally	4	24 2E*
	A skilled person shall not be unintentionally exposed to RS3.	THE STREET WITE.	White White
10.6.5	Requirements for dose-based systems	1/2 1/2 2	N/A
10.6.5.1	General requirements	Not such equipment	N/A
	Personal music players shall give the warnings as	2 120 20	
	provided below when tested according to EN	# X	A THE T
	50332-3, using the limits from this clause.	The still will write	The The
	THE THE THE WALL WALL AND	70, 2, ,	
	The manufacturer may offer optional settings to	L LE LEE LEE	The City
	allow the users to modify when and how they wish	Will will make	21/2
	to receive the notifications and warnings to	20. 20.	4 4
	promote a better user experience without	LET THE THE	LITE WITE
	defeating the safeguards. This allows the users to	write with while w	27
	be informed in a method that best meets their		it it
	physical capabilities and device usage needs. If	LET LET JEET NO	The state of
	such optional settings are offered, an administrator	city with when the	20 2.
	(for example, parental restrictions,		بر الأور -
	business/educational administrators, etc.) shall be	CH TEN LIER WITE	and with
	able to lock any optional settings into a specific	me me m	4,
	configuration.	. I de de	7 EN 7 EN
	The personal music player shall be supplied with	LITER WITE WITE	Mr. Mr.
	easy to understand explanation to the user of the	24. 24. 25.	
	dose management system, the risks involved, and	at at at	TEK JULE
	how to use the system safely. The user shall be	alite mile april an	100 7
	made aware that other sources may significantly	10, 10, 1	4
	contribute to their sound exposure, for example	at at at a	7 TE
	work, transportation, concerts, clubs, cinema, car	TIE WILL MULL MULL	211, 20,
	races, etc.	70. 7	J+ 16
- VA: F2		1 A- () AV	NI/A
10.6.5.2	Dose-based warning and requirements	ALTE MITTER STATE	N/A
10.6.5.2	Dose-based warning and requirements When a dose of 100 % CSD is reached, and at	MULTER WALTER WALL	, N/A
10.6.5.2		White white white	N/A



21,	EN IEC62368-1	life with much while	20, 20,
Clause	Requirement – Test	Result – Remark	Verdict
" In	The state of	att out on	ne m
	acknowledgement. In case the user does not acknowledge, the output level shall automatically decrease to compliance with class RS1.	MULTER WHITER WHITER W	NITEK WAITEK
ITEK WAL	The warning shall at least clearly indicate that listening above 100 % CSD leads to the risk of hearing damage or loss.	TEK MULTER WALTER WAL	IEK WATER W
0.6.5.3	Exposure-based requirements	et let let liet lie	N/A
	With only dose-based requirements, cause and effect could be far separated in time, defying the purpose of educating users about safe listening practice. In addition to dose-based requirements, a PMP shall therefore also put a limit to the short-term sound level a user can listen at. The exposure-based limiter (EL) shall automatically reduce the sound level not to exceed 100 dB(A) or 150 mV integrated over the past 180 s, based on methodology defined in EN 50332-3. The EL settling time (time from starting level reduction to reaching target output) shall be 10 s or faster.	JUNITER WHITER W	ONLIER WALTER WALTER WALTER WALTER WALTER
	Test of EL functionality is conducted according to EN 50332-3, using the limits from this clause. For equipment provided as a package (player with its listening device), the level integrated over 180 s shall be 100 dB or lower. For equipment provided with a standardized connector, the unweighted level integrated over 180 s shall be no more than 150 mV for an analogue interface and no more than -10 dBFS for a digital interface. NOTE In case the source is known not to be music (or test	THE WALTER WALTER	TEK WITEK WATEK WATE
Wry ou	signal), the EL may be disabled.	MILE SILIE STATE OF	NO.
0.6.6	Requirements for listening devices (headphone	s, earphones, etc.)	N/A
10.6.6.1 V	Corded listening devices with analogue input With 94 dB LAeqacoustic pressure output of the listening device, and with the volume and sound settings in the listening device (for example, built- in volume level control, additional sound features like equalization, etc.) set to the combination of positions that maximize the measured acoustic output, the input voltage of the listening device when playing the fixed "programme simulation noise" as described in EN 50332-1 shall be ≥ 75 mV. NOTE The values of 94 dB and 75 mV correspond with 85 dB and 27 mV or 100 dB and 150 mV	Not such equipment	N/A
10.6.6.2	and 27 mV or 100 dB and 150 mV.	20 20 4	NI/A
10.0.0.2	Corded listening devices with digital input With any playing device playing the fixed "programme simulation noise" described in EN 50332-1, and with the volume and sound settings in the listening device (for example, built-in volume	AUTIER MITTER MITTER	N/A WALTER WALTER



	EN IEC62368-1		
Clause	Requirement – Test	Result – Remark	Verdict
ale.	THE ST	alife with the way	70.
waitek wai	level control, additional sound features like equalization, etc.) set to the combination of positions that maximize the measured acoustic output, the $L_{Aeq,7}$ acoustic output of the listening device shall be ≤ 100 dB with an input signal of - 10 dBFS.	antitek antitek antitek antitek	WALTER ON
10.6.6.3	Cordless listening devices	the state of	N/A
Whitek whitek whitek whitek whitek	In cordless mode, — with any playing and transmitting device playing the fixed programme simulation noise described in EN 50332-1; and — respecting the cordless transmission standards, where an air interface standard exists that specifies the equivalent acoustic level; and — with volume and sound settings in the receiving device (for example, built-in volume level control, additional sound features like equalization, etc.) set to the combination of positions that maximize the measured acoustic output for the above mentioned programme simulation noise, the LAeq, τacoustic output of the listening device shall be ≤ 100 dB with an input signal of -10 dBFS.	TEK WILTER WILT WILTER WILTER WILTER WILTER WILTER WILTER WILTER WILTER WILTER	Whitek Whitek Whitek Lifek White White Tek
10.6.6.4	Measurement method	WILL MULL MULL MULL	N/A
nitest and	Measurements shall be made in accordance with EN 50332-2 as applicable.	At THE MIET	NLTEX N
3	Modification to the whole document		Р



Page 47 of 67

Ç	MULL	EN IEC62	2368-1	mil mi
	Clause	Requirement – Test	Result – Remark	Verdict

N		ving note: e of certain substa ent is restricted v					, our
	odification	15- 41-				×	
اله المالية	9"			AT AV	- CV -	U 10 1	, S
THE .	Y.4.5	Note					
MILITE	10.6.1	Note 3	F.3.3.6	Note 3	Y.4.1	Note	ONLTE
20,			Table 39				4,
Et NI	8.5.4.2.3	Note	10.2.1	Note 3 and 4 and 5	10.5.3	Note 2	د
ille an						Note 2	71
. A.	5.6.8	Note 2	5.7.6	Note	5.7.7.1	Note 1 and	
MILIER	0.5.2.1	Note	0.5.6	Note	5.0.4.2.1	and 4	NUTER
an.	5.4.10.2.1		5.4.10.2.2		5.6.4.2.1	Note 2 and 3	Mer
t SE	5.4.10.2.1	Note	5.4.10.2.2	Note	5.4.10.2.3	Note	3
it with	Table 13	INULE 2	0.4.2.0	14016 7	0.4.0.1	INOTE	211
	5.4.2.3.2.4	Note 2	5.4.2.5	Note 2	5.4.5.1	Note	
NITEK NI	5.2.2.2	Note	5.4.2.3.2.2 Table 12	Note c	5.4.2.3.2.4	Note 1 and 3	CER
mer.	3.3.8.3	Note 1	4.1.15	Note	4.7.3	Note 1 and 2	24/2
CE L	0.2.1	Note 1 and 2	1	Note 4 and 5	3.3.8.1	Note 2	TE!



Page 48 of 67

" au	EN IE	C62368-1	
Clause	Requirement – Test	Result – Remark	Verdict
- Cile	The transfer of the transfer o	CER CIES LIVE MIN MAN	The Me
4 74	A dal tha fallaccione a sur activalacca aften A	O. Niet dine alle e e e e e e e e e e	Al NI/A

4.Z1	Add the following new subclause after 4.9:	Not directly connected to the	N/A
Whitek Wh	To protect against excessive current, short-circuits and earth faults in circuits connected to an a.c.mains, protective devices shall be included either as integral parts of the equipment or as parts of the building installation, subject to the following, a), b) and c): a) except as detailed in b) and c), protective devices necessary to comply with the requirements of B.3.1 and B.4 shall be included as parts of the equipment; b) for components in series with the mains input to the equipment such as the supply cord, appliance coupler, r.f.i. filter and switch, short-circuit and earth fault protection may be provided by protective devices in the building installation; c) it is permitted for pluggable equipment type B or permanently connected equipment, to rely on dedicated overcurrent and short-circuit protection in the building installation, provided that the means of protection, e.g. fuses or circuit breakers, is fully specified in the installation instructions.	mains Ma	JUNITE JUNITES AND THE STATES AND TH
MILIEK WATE	If reliance is placed on protection in the building installation, the installation instructions shall so state, except that for pluggable equipment type A the building installation shall be regarded as providing protection in accordance with the rating of the wall socket outlet.	white white whitek whit	MALTEK W
6	Modification to 5.4.2.3.2.4		N/A
5.4.2.3.2.4		No connection to external	N/A
JEK .	The requirement for interconnection with external circuit is in addition given in EN 50491-3:2009.	circuit.	LUEK
7	Modification to 10.2.1		N/A
10.2.1	Add the following to c) and d) in table 39:For additional requirements, see 10.5.1.	No such radiation from the equipment.	N/A
8	Modification to 10.5.1		N/A



Page 49 of 67

EN IEC62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
10.5.1	Add the following after the first paragraph:	with the man	N/A
TO.5. IF WALLES WAND WALLES WANT WALLES WANT WALLES WANT WALLES WANT WALLES WANT WANT WALLES WANT WALLES WANT WALLES WANT WANT WANT WANT WANT WANT WANT WANT	For RS 1 compliance is checked by measurement under the following conditions: In addition to the normal operating conditions, all controls adjustable from the outside by hand, by any object such as a tool or a coin, and those internal adjustments or pre-sets which are not locked in a reliable manner, are adjusted so as to give maximum radiation whilst maintaining an intelligible picture for 1 h, at the end of which the measurement is made. NOTE Z1 Soldered joints and paint lockings are examples of adequate locking. The dose-rate is determined by means of a	antiek whitek wh	AND THE WALLES
	radiation monitor with an effective area of 10 cm², at any point 10 cm from the outer surface of the apparatus. Moreover, the measurement shall be made under fault conditions causing an increase of the high voltage, provided an intelligible picture is maintained for 1 h, at the end of which the measurement is made.	MULTER WHITER WHITER	STIER WITTER
rek milit	For RS1, the dose-rate shall not exceed 1 µSv/h taking account of the background level.		EX MUSTEX MUST
	NOTE Z2 These values appear in Directive 96/29/Euratom of 13 May 1996.		- JE NIE
9	Modification to G.7.1		N/A
G.7.1	Add the following note: NOTE Z1 The harmonized code designations corresponding to the IEC cord types are given in AnnexZD.	UNLIER WHITER WHITER	N/A
10	Modification to Bibliography		Р



Page 50 of 67

EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	

- Caller	THE THE TENT	LIFE MET WALL WALL	411.
, Et	Add the following notes for the standards indicated	The state of	Р
WALTER WALTER	IEC 60130-9 IEC 60269-2 IEC 60309-1 IEC 60309-1 IEC 60364 IEC 60601-2-4 IEC 60664-5 IEC 61032:1997 IEC 61558-2-1 IEC 61558-2-6 IEC 61643-311 IEC 61643-321 IEC 61643-331 IEC 61643-331 NOTE Harmonized as EN 6164	69-2. 09-1. in HD 384/HD 60364 series. 01-2-4. 64-5. 32:1998 (not modified). 08-1. 58-2-1. 58-2-4. 58-2-6. 43-1. 43-311.	JANE WALLEY JANETER JANETER JANETER JANETER JANETER JANETER JANETER JANETER
11	ADDITION OF ANNEXES	<i></i>	Р
ZB	ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN) A AF AFF AFF	P
4.1.15 INTER WALTER WALTER	Denmark, Finland, Norwayand Sweden To the end of the subclause the following is added: Class I pluggable equipment type A intended for connection to other equipment or anetwork shall, if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet. The marking text in the applicable countries shall be as follows: In Denmark: "Apparatetsstikpropskaltilsluttesenstikkontakt med jordsom giver forbindelsetilstikproppensjord." In Finland: "Laite on liitettäväsuojakoskettimillavarustettuunpistorasiaan " In Norway: "Apparatetmåtilkoplesjordetstikkontakt" In Sweden: "Apparatenskallanslutas till jordatuttag"		N/A SETER MALIER
4.7.3	United Kingdom To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex	TEK WALTER WALTER WALTER WALTER	F N/A T



EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	

25 276	The same same same same same same same sam	A STEP ASSESSMENT	List with
5.2.2.2	Denmark After the 2nd paragraph add the following:	No high touch current measured.	N/A
	A warning (marking safeguard) for high touch current is required if the touch current exceeds the limits of 3,5 mA a.c. or 10 mA d.c.	LIEK WHITEK WHITE	WILLER M
5.4.11.1	Finland and Sweden	No such external circuits.	N/A
and Annex G	To the end of the subclause the following is added:	et unite unite unit	nur nur
	For separation of the telecommunication network from earth the following is applicable:	MULTE MULL WALL ON	EX TEX
	If this insulation is solid, including insulation forming part of a component, it shall at least consist of either	INTER AUTHORITY AND	SILEK ON
	two layers of thin sheet material, each of which shall pass the electric strength test below, or	the wall wall with	artik milik
	 one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below. 	while while while wh	TEX MULTEX
	If this insulation forms part of a semiconductor component (e.g. an optocoupler), there is no distance through insulation requirement for the insulation consisting of an insulating compound	tet white white	* WILLER W
	completely filling the casing, so that clearances and creepage distances do not exist, if the component passes the electric strength test in accordance with the compliance clause below and in addition	Whitek whitek whitek w	THE MUTE
	passes the tests and inspection criteria of 5.4.8 with an electric strength test of 1,5 kV multiplied by 1,6 (the electric strength test of 5.4.9 shall be performed using 1,5 kV),	unliket waltet waltet walte	WEIFE W
	and the superior with the supe	at the the state	MITEK WALT
	is subject to routine testing for electric strength during manufacturing, using a test voltage of 1,5 kV.	MULTER MULTER MULTER WA	LIE WALTER
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	NITER WHITER WHITER WHITE	it writes a
	A capacitor classified Y3 according to EN 60384- 14:2005, may bridge this insulation under the following conditions:	TEX WHITEX WHITE WALTER	nitit unit
MALIEK MA	the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 60384-14, which in addition to the Y3	THE THE WITH WA	iek waliek



EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	
WALTER	testing, is tested with an impulse test of 2,5 kV defined in 5.4.11;	et let ret	TIFEK STIEF	
	the additional testing shall be performed on all the test specimens as described in EN 60384- 14;	WHITE WHITEK WHITEK WH	TEX WILLEX ON	
EK WALTER	the impulse test of 2,5 kV is to be performed before the endurance test in EN 60384-14, in the sequence of tests as described in EN 60384-14.	EX MULTER WALTER WHITE	MULTER WALT	
5.5.2.1	Norway	TER LIER LIER	N/A	
	After the 3rd paragraph the following is added:	mer mer m	T 54	
	Due to the IT power system used, capacitors are required to be rated for the applicable line-to-line voltage (230 V).	MILIER WALTER WALTER W	et tet i	
5.5.6	Finland, Norwayand Sweden	No such resistors.	N/A	
	To the end of the subclause the following is added:	A TITEL WITER WITER	WALTER WALTER	
	Resistors used as basic safeguard or bridging basic insulation in class I pluggable equipment type A shall comply with G.10.1 and the test of G.10.2.	whitek whitek whitek	UNITER WINITER	
5.6.1	Denmark	No such equipment.	N/A	
	Add to the end of the subclause Due to many existing installations where the socket-outlets can be protected with fuseswith higher rating than the rating of the socket-outlets the protection for pluggable equipment type A shall be an integral part of the equipment. Justification:	THE WALTER WALTER	WALTE WALT	
	In Denmark an existing 13 A socket outlet can be protected by a 20 A fuse.	UNITER WHITER WALTER W	Will Mulie a	
5.6.4.2.1	Ireland and United Kingdom	at at at a	N/A	
	After the indent for pluggable equipment type A, the following is added: - the protective current rating is taken to be 13 A, this being the largest rating of fuse used in the mains plug.	EX MULTER MULTER MULTE	White white	
5.6.4.2.1	France	THE THE STATE	N/A	
nitek vin Tek te	After the indent for pluggable equipment type A , the following is added: – in certain cases, the protective current rating of the circuit supplied from the mains is taken as 20 A instead of 16 A.	whitek whitek whitek wh	erek mirek m erk rek si	
5.6.5.1	To the second paragraph the following is added:	The Will While Mile	N/A	
	The range of conductor sizes of flexible cords to be accepted by terminals for equipment with a rated current over 10 A and up to and including 13 A is: 1,25 mm²to 1,5 mm²in cross-sectional area.	AND THE WALTER WALTER	WALT WALTER	





1		1
	47	P
1	σ_{I}	

	EN IEC62368-1		
Clause	Requirement – Test	Result – Remark	Verdic
5.6.8	Norway To the end of the subclause the following is added: Equipment connected with an earthed mains plug is classified as class I equipment. See the Norway marking requirement in 4.1.15. The symbol IEC 60417-6092, as specified in F.3.6.2, is accepted.	MILIER WHITER WHITER	AND TEXT WALTER
5.7.6	Denmark To the end of the subclause the following is added: The installation instruction shall be affixed to the equipment if the protective conductor current exceeds the limits of 3,5 mA a.c. or 10 mA d.c.	MUTER MUTER MUTER	MULTER MALTER
5.7.6.2	Denmark To the end of the subclause the following is added: The warning (marking safeguard) for high touch current is required if the touch current or the protective current exceed the limits of 3,5 mA.	THE WALTER WALTER WALTER	TE WASTER WAS
5.7.7.1 S INTER WALTER WALTER WALTER WALTER WALTER	Norway and Sweden To the end of the subclause the following is added: The screen of the television distribution system is normally not earthed at the entrance of the building and there is normally no equipotential bonding system within the building. Therefore the protective earthing of the building installation needs to be isolated from the screen of a cable distribution system. It is however accepted to provide the insulation external to the equipment by an adapter or an interconnection cable with galvanic isolator, which may be provided by a retailer, for example. The user manual shall then have the following or similar information in Norwegian and Swedish language respectively, depending on in what country the equipment is intended to be used in: "Apparatus connected to the protective earthing of the building installation through the mains	Not such system.	and N/A LIFE DELIFE WALTER WALTER
	connection or through other apparatus with a connection to protective earthing – and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a television distribution system therefore has to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)"	ONLIER WHITER WHITER WILLER	ALTER JACK
	NOTE in Name due to regulation for CATV installations and	WILL WILL WILL	111

NOTE In Norway, due to regulation for CATV-installations, and



EN IEC62368-1					
Clause	Requirement – Test	Result – Remark	Verdict		
Whitek whitek	in Sweden, a galvanic isolator shall provide electrical insulation below 5 MHz. The insulation shall withstand a dielectric strength of 1,5 kV r.m.s., 50 Hz or 60 Hz, for 1 min. Translation to Norwegian (the Swedish text will also be accepted in Norway): "Apparatersom er koplettilbeskyttelsesjord via nettpluggog/eller via annetjordtilkoplet utstyr – og er tilkoplet et koaksialbasertkabel-TV nett, kanforårsakebrannfare.	Whitek whitek whitek whitek	MALIER WAS		
	For å unngådetteskal det vedtilkoplingavapparatertilkabel-TV nett installeresengalvanisk isolator mellomapparatetogkabel-TV nettet."	Whitek whitek whitek whitek	WALTER WA		
LIEK MILIEK MILIEK MILIEK M	Translation to Swedish: "Apparatersomärkopplad till skyddsjord via jordatvägguttagoch/eller via annanutrustningochsamtidigtärkopplad till kabel-TV nätkanivissa fall medföra risk för brand. Förattundvikadettaskall vid anslutningavapparaten till kabel-TV nätgalvanisk isolator finnasmellanapparatenochkabel-TV nätet."	TEX WHITEX WHITEX WHITEX WHITEX WHITEX	A SAUTER		
8.5.4.2.3	United Kingdom Add the following after the 2 nd dash bullet in 3 rd paragraph: An emergency stop system complying with the requirements of IEC 60204-1 and ISO 13850 is	No external circuits.	N/A		
B.3.1 and B.4	required where there is a risk of personal injury. Ireland and United Kingdom The following is applicable:	Not directly connected to the mains	N/A		
whitek whitek	To protect against excessive currents and short-circuits in the primary circuit of direct plug-in equipment , tests according to Annexes B.3.1 and B.4 shall be conducted using an external miniature circuit breaker complying with EN 60898-1, Type B, rated 32A. If the equipment does not pass these tests, suitable protective devices shall be included as an integral part of the direct plug-in equipment , until the requirements of Annexes B.3.1 and B.4 are met	UNLIEK WALTER WALTER WALTER	MATER WATER		
G.4.2	Denmark To the end of the subclause the following is added: Supply cords of single phase appliances having a rated current not exceeding 13 A shall be provided with a plug according to DS 60884-2-D1:2011.	Not directly connected to the mains	N/A		
WALTEK WA	CLASS I EQUIPMENT provided with socket- outlets with earth contacts or which are intended to be used in locations where protection against	ifet lifet miret mure	* WHITEK W		



21/2	EN IEC62368-1	life" with white w	21/2
Clause	Requirement – Test	Result – Remark	Verdict
100	The Thirty of the T	LIE NIE MIE MIE	100
WALTEK W	indirect contact is required according to the wiring rules shall be provided with a plug in accordance with standard sheet DK 2-1a or DK 2-5a.	Whitek Whitek Whitek Whitek	WATTER W
	If a single-phase equipment having a RATED CURRENT exceeding 13 A or if a polyphase equipment is provided with a supply cord with a plug, this plug shall be in accordance with the standard sheets DK 6-1a in DS 60884-2-D1 or EN 60309-2.	LITER WHITER WHITER WHITER	ATTER WALTER
	Mains socket outlets intended for providing power to Class II apparatus with a rated current of 2,5 A shall be in accordance DS 60884-2-D1:2011 standard sheet DKA 1-4a.	MILER WHITE WHITE WHITE	whitek we
ijek _{wai} j	Other current rating socket outlets shall be in compliance with Standard Sheet DKA 1-3a or DKA 1-1c.	TEX WILLEX WILLEX WILLEY W	NIEK WALT
MULLEX	Mains socket-outlets with earth shall be in compliance with DS 60884-2-D1:2011 Standard Sheet DK 1-3a, DK 1-1c, DK1-1d, DK 1-5a or DK 1-7a	White white white white	WALTEX OF
	Justification:	THE THE	LIEN ON
no in	Heavy Current Regulations, Section 6c	" White white	16 20
G.4.2		Net discass, connected to the	NI/A
G.4.2	United Kingdom To the end of the subclause the following is added:	Not directly connected to the mains	N/A
whitek wi	The plug part of direct plug-in equipment shall be assessed to BS 1363: Part 1, 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 12.13, 12.16, and 12.17, except that the test of 12.17 is performed at not less than 125 °C. Where the metal earth pin is replaced by an Insulated Shutter Opening Device (ISOD), the requirements of clauses 22.2 and 23 also apply.	White whitek whitek whitek	ANLIEK WILLER
G.7.1	United Kingdom	EX SLIES INLIE WALL WAS	N/A
	To the first paragraph the following is added:	21, 21, 20, 2	4 4
	Equipment which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS 1363 by means of that flexible cable or cord shall be fitted with a 'standard plug' in accordance with the Plugs and Sockets etc. (Safety) Regulations 1994, Statutory Instrument 1994 No. 1768, unless exempted by those regulations.	NATER WALTER WALTER WALTER	WILLEY WIN
The The	NOTE "Standard plug" is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.	MULTE MILL MILL MILL	TEX



Page 56 of 67

" all		EN IEC62368-1	
Clause	Requirement – Test	Result – Remark	Verdict

G.7.1	Ireland	70, 70	N/A
	To the first paragraph the following is added:	TEX STEET OUTER MUTE	
	Apparatus which is fitted with a flexible cable or cord shall be provided with a plug in accordance with Statutory Instrument 525: 1997, "13 A Plugs and Conversion Adapters for Domestic Use Regulations: 1997. S.I. 525 provides for the recognition of a standard of another Member State which is equivalent to the relevant Irish Standard	SUPLY WHITE WHITEK WHITEK W	
G.7.2	Ireland and United Kingdom	TEL NITE OUT WALL	N/A
	To the first paragraph the following is added:	Mr. M. W.	
Mrtir M	A power supply cord with a conductor of 1,25 mm ² is allowed for equipment which is rated over 10 A and up to and including 13 A.	INLIER WHITER WHITE WHITE	inia. Ter
ZC	ANNEX ZC, NATIONAL DEVIATIONS (EN)		
10.5.2	Germany The following requirement applies:	No CRT within the equipment.	N/A
	For the operation of any cathode ray tube intended for the display of visual images operating at an acceleration voltage exceeding 40 kV, authorization is required, or application of type approval (Bauartzulassung) and marking.	MULTER WHITER WHITER WHITER	
	Justification: German ministerial decree against ionizing radiation (Röntgenverordnung), in force since 2002-07-01, implementing the European Directive 96/29/EURATOM.	Whitek whitek whitek white	
	NOTE Contact address: Physikalisch-TechnischeBundesanstalt, Bundesallee 100, D-	TIEX MITEL WAITER WAITER	



Page 57 of 67

EN IEC62368-1					
Clause	Requirement – Test	Result – Remark	Verdict		

Type of flexible cord	Code de	esignations
	IEC	CENELEC
PVC insulated cords		
Flat twin tinsel cord	60227 IEC 41	H03VH-Y
Light polyvinyl chloride sheathed flexible cord	60227 IEC 52	H03VV-F H03VVH2-F
Ordinary polyvinyl chloride sheathed flexible cord	60227 IEC 53	H05VV-F H05VVH2-F
Rubber insulated cords		
Braided cord	60245 IEC 51	H03RT-F
Ordinary tough rubber sheathed flexible cord	60245 IEC 53	H05RR-F
Ordinary polychloroprene sheathed flexible cord	60245 IEC 57	H05RN-F
Heavy polychloroprene sheathed flexible cord	60245 IEC 66	H07RN-F
Cords having high flexibility	·	,
Rubber insulated and sheathed cord	60245 IEC 86	H03RR-H
Rubber insulated, crosslinked PVC sheathed cord	60245 IEC 87	H03 ₹V4-H
Crosslinked PVC insulated and sheathed cord	60245 IEC 88	H03V4V4-H
Cords insulated and sheathed with halogen- free thermoplastic compounds		
Light halogen-free thermoplastic insulated and sheathed flexible cords		H03Z1Z1-F H03Z1Z1H2-I
Ordinary halogen-free thermoplastic insulated and sheathed flexible cords	i	H05Z1Z1-F H05Z1Z1H2-I



Page 58 of 67

EN IEC62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	

5.2	TABLE: Classification	TABLE: Classification of electrical energy sources					
Supply	Location (e.g.	Test conditions		Parame	ters		ES Class
Voltage	circuit designation)		U (V)	I (mA)	Type ¹⁾	Additional Info ²⁾	- Class
	The FLIT is	Normal	9VDC		SS	JOC_JOC	ES1
	9VDC designed to be supplied by Type -C port	Abnormal	WILLE WE	il later 1	10, 1,	70,	MULTER V
White W		Single fault – SC/OC	UEK RU	ek unitek m	ciek <u></u> mi	EK WALTER	
SEK S	TEL SITE WITEEN	Normal	9VDC	- T	SS	DC	ES1
9VDC	Wireless Output	Abnormal	IEE TOLIE	Write Will	170	1/15 1/1	
Life Whife	write weight	Single fault – SC/OC	TEX.	NIEK WIEK	MALTEK.	WALTER WALT	ek wali

Supplementary information:

- 1) Type: Steady state (SS), Capacitance (CP), Single pulse (SP), Repetitive pulses (RP), etc. 2) Additional Info: Frequency, Pulse duration, Pulse off time, Capacitance value, etc.

Test Conditions:

Normal -Full load and no load. Abnormal - Overload output short circuit; OC= open circuit

SC=

3)

5.4.1.8 TABLE: Wo	orking voltage measu	rement		N/A
Location	RMS voltage (V)	Peak voltage (V)	Frequency (Hz)	Comments
- Mur Mr. Mr.	7	it with a	EF JOSEPH SU	The Mary Mary And
- TEX STEX WITER	WILL MULT MA	41, - 41,	-	et ret tet ret
Supplementary informati	ion:			

5.4.1.10.2	TABLE: Vicat softening temperature of thermoplastics					N/A
Method			.:	ISO 306 / B50	aler alle	_
Object/ Part No./Material Manufacturer/trademark Thickness (mm) T softeni				ing (°C)		
-11. 11	- The state of the				10 2	
Supplemen	tary information:					
11. 25.		et the stree wife	d	VIII MUT MUT	an.	20, 2

5.4.1.10.3	TABLE: Ball pressure test of thermoplastics						N/A
Allowed impression diameter (mm)					_		
Object/Part	No./Material	Manufacturer/trademark	Thickness	(mm)	Test temperature (°C)	Imp	ression ter (mm)

Page 59 of 67

EN IEC62368-1									
Clause	Requiremen	t – Test	in whi h	1 20	Result	– Remark	.6	۲ ,	Verdict
July .	14. 14.		L	CF S	J. J		aler.	"IL	1/1/2
4		TIEK WIT	INLIE WA	-21/L		20, 1-			et
Suppleme	ntary informatio	n:							
all .	IEK JEK G	LIER MITE	White Whi.	40.	20,		J+	, et	JEK J

5.4.2, 5.4.3 TABLE: Minimum Clearances/Creepage distance						N/A		
Clearance (cl) and creepage distance (cr) at/of/between:	U _p (V)	U _{rms} (V)	Freq ¹⁾ (kHz)	Required cl (mm)	cl (mm)	E.S. ²⁾ (V)	Required cr (mm)	cr (mm)
- with many man	276	40,	/	-c+	Keth.	5 ⁶⁵ 2	er Tile	MITE
Supplementary information:								
1) Only for frequency above 30 Complete Electric Strength volta		. (V) who	en 5.4.2.	4 applied)	IEK WALT	ik wite	White 4	2)

5.4.4.2	TABLE: Minimum	N/A			
Distance th (DTI) at/of	rough insulation	Peak voltage (V)	Insulation*	Required DTI (mm)	Measured DTI (mm)
- 1	TEX SEX NET	MITE WILL WAS	n, -n,		at - at
Supplemen	tary information:				
*See also s	ub-clause 5.4.4.9	1 10	11. 12. 2.		et let s
Ver SUL				The same	The an

5.4.4.9 TABLE: Solid insulation at frequencies >30 kHz							N/A
Insulation material	E _P	Frequency (kHz)	K _R	Thickness d (mm)	Insulation	V_{PW}	(Vpk)
- with many man m	in the	- 4	* 1th	-TEK JE	- CLIER OF	£**	W.L.
Supplementary information:							
write with the the	20.		et .	CENT SET	LIFE WIT	11.	S

5.4.9 TABLE: Electri	c strength tests	at at all	TEK LIEK ALT	N/A
Test voltage applied between	n:	Voltage shape (Surge, Impulse, AC, DC, etc.)	Test voltage (V)	Breakdown Yes / No
Functional:	LIER WILL WAL	2/15 211 22	1 1 1	Let Let
-21/2 Mr. 211 Mr.	d to the	- JEK STER MIT	- white white w	Vr. 110, 1
Basic/supplementary:	E WILLE MA	1/1 1/1 1/2	A 11 1	cet set si
Tr. M. M.	At Allt	TIEK NITER UNITE	White Mer Mer	24,5
Reinforced:	"ALTE ALL A		at at a	t the the
7/11. 1/11	at the	EL OLITE MITE W	Tr. Mer. Mer.	24 24
Routine Tests:	Will All All	. 4 4	et et set	ALTER OLITER
- 20, 2, 7	the text of the	- INCTE WALL VINE	mr mr.	9. Z.
Supplementary information:				



The Maria	Mr. Mr. All	EN IEC62368-1	TE' MITE MALIER	in in	1117.
Clause	Requirement – Test	in wir we wa	Result – Remark	LEK S	Verdict

5.5.2.2	TABLE:	Stored discharge of	on capacitors			N/A
Location		Supply voltage (V)	Operating and fault condition 1)	Switch position	Measured voltage (Vpk)	ES Class
, m,	- J	A A	Normal	Wer Mer	21/2 21/2	10, - 10
TEH WALTER	MALTE	Will Mar. Mus.	Single fault: SC/ OC	TEK MITEK	LIEK WALTER	MULTER MULT

Supplementary information:

X-capacitors installed for testing are:[] bleeding resistor rating:

[] ICX: 1) Normal operating condition (e.g., normal operation, or open fuse), SC= short circuit, OC= open circuit

		ions	N/A
Test current (A)	Duration (min)	Voltage drop (V)	Resistance (Ω)
at the s	JER NIER MIE	white -wer	are -ar
		(A) (min)	(A) (min) (V)

5.7.4	TABL	E: Unearthed acces	ssible parts				N/A		
Location		Operating and	Supply		Parameters				
		fault conditions	Voltage (V)	Voltage (V _{rms} or V _{pk})	Current (A _{rms} or A _{pk})	Freq. (Hz)			
L/N to secondary		Normal	7.	at "at	Et Jet J	16th 15th	SINGLE .		
terminals		Abnormal: overload	MAINE WA	in in in	W. W	TEX.	LITER O		
		Single fault: SC/ OC	MALTEK WALTE	WULLE MULL	mer me	201 <u>-</u>	76k		
Supplemen	ntary info	ormation:							
SC= short	circuit; C	DC= open circuit	LIE WILL.	en in	<i>y</i> .	.4	at at		

5.7.5	TABLE: Earthed acces	sible conductive part	ible conductive part				
Supply vol	tage (V)	- Let Tet Tet	INLIE WALLE	_			
Phase(s)		[] Single Phase; [] Three Phase: [] Delta [] Wye					
Power Dis	tribution System	[] TN []TT []IT	ALTER MALTER OF	Vill Mury a			
Location		Fault Condition No in IEC 60990 clause 6.2.2	Touch current (mA)	Commer	nt		
12 JES	NITER INITE WHITE V	n n -n		- 18th -18	LITER		
In.	at the title of	EX WILL MULTER MULTER	MULL MULL	245 14	100		
Sunnleme	ntary Information:						



11010101100	110::1711 225001112211	1 ago or or or	
L. m.	M. M. J.	EN IEC62368-1	me m
Clause	Requirement – Test	Result – Remark	Verdict

5.8 T.	TABLE: Backfeed safeguard in battery backed up supplies								
Location Supply voltage (V)		Operating and fault condition	Time (s)	Time (s) Open-circuit voltage (V)		ES Class			
NETE MALTE	Mr. Mr. M	4, 4,	/c + /	er our	LIER - ALTER	uni - runi			
Supplementary information:									
Se Will M	Tr. Mr. M.	70	ان الحر	- 18th 13	er w	ner and			

6.2.2	2.2 TABLE: Power source circuit classifications							
Location		Operating and fault condition	Voltage (V)	Voltage (V) Current (A) Max Powe (W)		Time (S)	PS class	
Wireless	output	Output 9V	9.67	1.28	12.37	3S	PS1	
Wireless output		C1 SC	0	0	0	3S	PS1	
Wireless output Output 5V		Output 5V	4.88	1.32	6.44	3S	PS1	
Wireless o	output	C1 SC	0	_ 0 _ /	.0	38	PS1	

Supplementary information:

Abbreviation: SC= short circuit; OC= open circuit1) Measured after 3 s for PS1 and measured after 5 s for PS2 and PS3.* Unit shutdown immediately, recoverable, no hazard.

6.2.3.1	TABLE: Determ	ination of Arcing PIS	10 10	" NITE ON	N/A		
Location		Open circuit voltage after 3 s (Vpk)	Measured r.m.s current (A)	Calculated value	Arcing PIS? Yes / No		
- 10	- X	et set sure	WILL WILL AN	no - no	211 - 21		
Supplementary information:							
20, 20		L of St.	The Will Will	who we .	24. 20.		

6.2.3.2 TABLE: I	TABLE: Determination of resistive PIS					
Location	Operating and fault condition	Dissipate power (W)	Arcing PIS? Yes / No			
All primary circuits/components	LIEK WEIEK WHITEK WILL WILL W	at the telestical	Yes (declaration)			
Supplementary informa	ation:					

All circuits are considered as resistive PIS; A combination of voltmeter, VA and ammeter IA may be used instead of a wattmeter.

A combination of voltmeter, VA and ammeter IA may be used instead of a wattmeter.

(VA x IA) is used to determine Resistive PIS classification.

A Resistive PIS: (a) dissipates more than 15 W, measured after 30 s of normal operation, or (b) under single fault conditions has either a power exceeding 100 W measured immediately after the introduction of the fault if electronic circuits, regulators or PTC devices are used, or has an available power exceeding 15 W measured 30 s after introduction of the fault.



Ç	MULL	EN IEC62	2368-1	mil mi
	Clause	Requirement – Test	Result – Remark	Verdict

Lamp manufacturer La	amp type							
	amp type	Explosion method	Longest axis of glass particle (mm)	Particle found beyond 1 m Yes / No				
+ +	TEX TEX STEX	will min m	11/2 11/2	20 2				
Supplementary information:								

9.6	TABL	E: Tempe	rature mea	sureme	nts for wirel	ess powei	transmitte	ers	Р
Supply vol	tage (V)			9.0	OV	L St	Att .	18th J	
Max. trans	mit powe	er of transr	nitter (W)	10	W	Will.	Mer. M.	2/1	_
			eiver and contact		eceiver and ct contact		iver and at of 2 mm		eiver and at ce of 5 mm
Foreign o	bjects	Object (°C)	Ambient (°C)	Objec (°C)	t Ambient (°C)	Object (°C)	Ambient (°C)	Object (°C)	Ambient (°C)
Steel o	lisc	25.1	24.7	25.3	24.7	25.2	24.7	25.1	24.7
Aluminur	n ring	24.9	24.7	25.8	24.7	25.6	24.7	25.5	24.7
Aluminum foil		25.4	24.7	25.1	24.7	25.2	24.7	25.4	24.7

5.4.1.4, 9.3, B.1.5, B.2.6	ents	NITEK W	LIEK WALTER	MALTER	LIFE MALES		
Supply voltage (V)		:	5VDC	9VDC	* 2	18t- 5	_
Ambient temperature dur	WITE WI	SUP-LA	1110-1	1 -11	_		
Maximum measured temperature T of part/at:				Т	(°C)		Allowed T _{max} (°C)
C1 fet tret street make white		70.5	73.1	<u> </u>	4 -at	105	
PCB under U1			63.3	65.5	NET WALL	41/2	130
Interior plastic enclosure r	near L1	10	68.0	69.2	A 764	70 1	Ref.
Ambient	A 10	t stel	45.0	45.0	W. C.	100 - 10	40
Plasticenclosure	Vice Maria	211	28.7	28.9	t 18	16th 55	77
Ambient	at at	NITER .	25.0	25.0	2002 21	L 711	70, 2,
Temperature T of winding:	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	$R_2(\Omega)$	T (°C)	Allowed T _{max} (°C)	Insulation class
of the tier wife	10 TUIN	S2/2	40		·	- 74	TEX - JEX
Supplementary informatio	n:						

* Temperature limit for TS1 of accessible enclosure according to Table 38 to be measured at normal ambient temperature.



()	The Court	EN IEC623	68-1 Land	Vice Mur. Any
	Clause	Requirement – Test	Result – Remark	Verdict

Note 1: The apparatus was submitted and evaluated for maximum manufacturer's recommended ambient (Tma) of 40°C.

Note 2: The temperatures were measured under the worse case normal mode defined in clause B.2.1.

B.2.5	, T/	ABLE: Inp	out test	LIFER	NLTE	Mr.	me !	Р
U (V)	Hz	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status
5	JT-(1)	1.35	2	6.75			J+ X	Output: 5V, 1A
9		0.99	1.1	8.91	18th - 12 12	21/2	27/2	Output: 9V, 1.1A

Supplementary information:

¹⁾ Supply by external DC source, ²⁾ Measured battery cells voltage and current. The maximum measured current under rated voltage did not exceed 110% of the rated current.

B.3, B.4	ABLE: Abnor	mai operatin	g and fac	lit condit	ion tes	SIS		Car Page
Ambient temp	perature T _{amb} (°C)				See b	elow	_
Power source	for EUT: Mar	nufacturer, mo	del/type,	outputrati	ng:	+	THE THE LIFE	_
Component No.	Condition	Supply voltage (V)	Test time	Fuse no.		use ent (A)	Observatio	n
9V Wireless output	0-1	9VDC	2hour03 mins	WALTER WALTER	unite Litex	WALTER WALTER	NearPCBU1: 67.3°C Interior enclosure nea 73.4°C L1winding:79.2°C Ambient:45.0°C External enclosure:50 Ambient: 25.0°C	
U3 pin 1-2	s-c N	9VDC	10mins	TEN WI	115	LITER .	Unit shut down immed damage, no hazard. Recoverable.	diately. No
U3 pin 3-5	S-C	9VDC	10mins	MILLE	- TULL		Unit shut down immed damage, no hazard. Recoverable.	diately. No
C1 whi	S-C	9VDC	10mins	Aur.	LEIA TUT	JUS.	Unit shut down immed damage, no hazard. Recoverable.	diately. No

Supplementary information:

- 1) s-c: Short-circuited; o-l: Overloaded; BL=Blocked.
- 2) The test result shown all safeguards remained effective and didn't lead to a single fault condition during abnormal operating condition; In addition all safeguards complied with applicable requirements in this standard after restoration of normal operating conditions.
- 3) The test result showed no Class 1 or 2 energy source become Class 3 level during and after single fault

¹⁾ Supply by external DC source, ²⁾ Measured battery cell voltage and current. Test table is provided to record abnormal and fault conditions for all applicable energy sources including Thermal burn injury. Column "Abnormal/Fault." Specify if test condition by indicating "Abnormal" then the condition for a Clause B.3 test or "Single Fault" then the condition for Clause B.4.

	4	M	А
3/			

Reference	AI.	\ A /-		004-	7700 41/
PATARANCA	NIO	• \ / \ /	1 1 7 71	111127	/ / / / V
1701010100	140	V V	11 // L	<i>/</i> (<i>)</i> () <i>(</i>	12241

Page 64 of 67

AL.	7/1 12	EN IEC62368-1	
Clause	Requirement – Test	Result – Remark	Verdict

	.L .K			100	dr.	19,	100	ı
condition.	"NL	The.	n.	-20.				
4) Limit temperature: Plastic material: 87°C								
Mr. M. M.								

M.3	M.3 TABLE: Protection circuits for batteries provided within the equipment							N/A			
Is it possible	s it possible to install the battery in a reverse polarity position?:							J+	_		
					C	Char	ging				
Equipment S	Specification	Voltage (V)						Curren	t (A)		
		The state of the state of			TI.	"alver"	ane.	m,	10,		
					Batter	y spe	ecifica	tion			
	Non-rechargeable batteries					Rechargeable ba			ries		
		Discharging	Unintentional		(Char	ging		Dischar		Reverse
Manufact	urer/type	current (A)	charging current (A)		Voltage	(V)	Current (A)		current (A)		charging current (A)
NALLY V	her whe	20, 20,		<i>a</i> .	it i	(E)+	(TE	F	مرزاه	,	THE WILL
Note: The te	sts of M.3.2 a	re applicable o	only v	when abov	e appropr	iate	data is	s not av	ailable.		
Specified ba	ttery tempera	ature (°C)			, , ,,,,,,,,,,	:	JE	CLIFE	10-45	WELL	
Component No.	Fault condition	Charge/ discharge mo	Test time		Temp. (°C)		rrent (A)	Voltag (V)	е	Obse	ervation
t	/ Y / / /	(a)	156	MILL	, Co		7	100			*
Supplementa	ary information	n:									
		circuit; OC= op						e; NS=	no spilla	ge of	liquid; NE=

M.4.2	TABLE: Charging safeguards for equipment containing a secondary lithium battery						
Maximum	specified	charging voltag	je (V)	10, 10	10 10	a state	
Maximum	specified	charging currer	nt (A)		المناقبة المناتة	White whi ?	_
Highest sp	ecified ch	arging tempera	ature (°C)	10	:	et et .	
Lowest sp	ecified cha	arging tempera	ture (°C)		TE WILL	min min m	
Battery Operating				Measuremen	t	Observat	ion
manufactu	manufacturer/type and fault condition		Charging voltage (V)	Charging current (A)	Temp. (°C)		
ing we	k Jek	Normal	* WHITEK W	LIEK WALTER	WALTER WAL	Ant Ant	2012 201
		Abnormal-	et .	et Jet	LIER OLIE	Write White M	in m
		Single fault – ()	Mrs. Mrs	- 11 N	et get	OUTER MUTER MAL	ek watek
Supplemer	ntary infor	mation:					
Abbreviation	on: SC= s	hort circuit; OC	= open circuit	; MSCV= max	imum specifie	ed charging voltage;	MSCC=

Waltek Testing Group Co., Ltd. http://www.waltek.com.cn



in the	M. M. A.	EN IEC62368-1	LIER MITE WALLE	ne in	in an
Clause	Requirement – Test	are an a	Result – Remark	at A	Verdict

maximum specified charging current; HSCT= highest specified charging temperature; LSCT= lowest specified charging temperature

Q.1	TABLE: Circuits inte	nded for inte	rconnectio	n with build	ling wiring	(LPS)	N/A
Output	Condition	11 ()()	Time (a)	I _{sc} (A)	S (VA)
Output Circuit	Condition	U _{oc} (V)	U _{oc} (V) Time (s)		Limit	Meas.	Limit
20.	- A A	At A	k alife	WILL WAS	. Mer	21/2 21	24.
	Life White White	ne are			t set	JEH J	EK NITER
11, 11	4 4 1	LET JET	Willer Of	The Maria	Mrs. 1	10	7,
NITEK MIN	LE MILL MILL M	21/2	4	* #	All I	TEN STER	White our

Supplementary Information:

SC = short circuit, OC = open circuit* Unit shutdown immediately, recoverable, no hazard.

TABLE: St	eady force te	est			MITER WALTER WALTER WALLE WESTER
Material	Thickness (mm)	Probe	Force (N)	Test Duration (s)	Observation
Plastics*	See table 4.1.2	78	100	LIE 5	Enclosure remained intact, no crack/ opening developed
Plastics*	See table 4.1.2	7. L	100	EK STEE	Enclosure remained intact, no crack/ opening developed
Plastics*	See table 4.1.2		100	5	Enclosure remained intact, no crack/ opening developed
	Material Plastics* Plastics*	Material Thickness (mm) Plastics* See table 4.1.2 Plastics* See table 4.1.2 Plastics* See table	Plastics* See table 4.1.2 Plastics* See table 4.1.2 Plastics* See table 4.1.2 Plastics* See table	Material Thickness (mm) Probe Force (N) Plastics* See table 100 Plastics* See table 4.1.2 Plastics* See table 100 Plastics* See table 100	Material Thickness (mm) Probe Force (N) Test Duration (s) Plastics* See table 4.1.2 100 5 Plastics* See table 4.1.2 100 5 Plastics* See table 4.1.2 100 5

*Test was performed on product with each source listed in table 4.1.2.

T.6, T.9	ABLE: Impa	ct test		At the title the title of N/A
Location/Part	Material	Thickness (mm)	Height (mm)	Observation
In a	, t	Et TEX	NITER MILIE	were my my my my
WILLER WILL	MULL	ver av	1 1	et ret itet viret miret miret
70 7		TEX TEX IN	THE WITE	mer mer me me
Supplementary	y information	:		

T.7	TABLE: Drop	E: Drop test					
Location/Pa	t Material	Thickness (mm)	Height (mm)	Observation			
Enclosure Top	Metal*	See table 4.1.2	1000	Enclosure remained intact, no crack/ opening developed. No hazards.			



Page 66 of 67

Lane Maria	Mr. Mar. All.	EN IEC62368-1	TEX INTEX WALTER	With Mary Mary
Clause	Requirement – Test	is mis in a	Result – Remark	Verdict

Enclosure Side	Plastics*	See table 4.1.2	1000	Enclosure remained intact, no crack/ opening developed. No hazards.
Enclosure Bottom	Metal*	See table 4.1.2	1000	Enclosure remained intact, no crack/ opening developed. No hazards.
Supplementary	y information			

*Test was performed on product with each source listed in table 4.1.2.

T.8 T <i>A</i>	ABLE: Stres	s relief test			the set of Person		
Location/Part	Material	Thickness (mm)	Oven Temperatur e (°C)	Duration (h)	Observation		
Enclosure	Plastic*	See table 4.1.2	70°C	7h	Enclosure remained intact, no cracking/opening developed in the enclosure joint. No hazards.		
Supplementary	information:						

TABLE: Alternative method for determining minimum clearances distances N/A						
Clearance distanced between:	Peak of working voltage (V)	Required cl (mm)	Measured cl (mm)			
* V V	All III WILL	1 1		A S		
Supplementary information:						
t at alt alt a	TER WITE MALL MAL	me me	- L	,+ ,E+		



Page 67 of 67

EN IEC62368-1						
Clause	Requirement – Test	Result – Remark	Verdict			

4.1.2	TABLE: Critical components information					
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹	
Interior wire	GUANG DONG XIN LONG ENTERPRISE CO	1015	105°C, VW-1, 600V, 18AWG	UL 758	ULS SITES	
Plastic enclosure	SABIC INNOVATIVE PLASTICS US L L C	945(GG)	V-0, 120°C, min. thickness 2.0mm	UL94	UL	
PCB	KINGBOARD LAMINATES HOLDINGS LTD	KB-5150	V-0, 130°C, thickness 1.6mm.	UL 796, UL94	UL WELLER	
Wireless coi	Shenzhen Defuruilin Electronics Technology Co., Ltd.	A11 ret muret	6.3±10% µH at 100КHz, 130°С, N1: Ф0.08mm x 105Р x 10Тs	IEC/EN 62368- 1	Tested with appliance	

Supplementary information:¹⁾ License available upon request. Provided evidence ensures the agreed level of compliance. See OD-CB2039.



Photo Documentation

Reference No.: WTF22D08177224Y



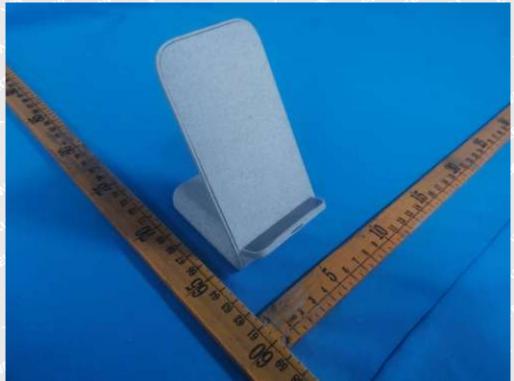


Figure 1: External view

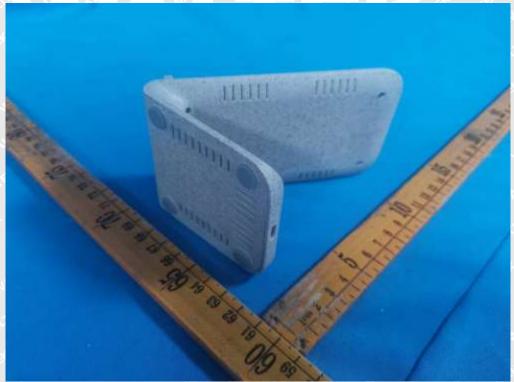


Figure 2: External view

Page 2 of 4

Photo Documentation

Reference No.: WTF22D08177224Y



Figure 3: Interior view



Figure 4: Interior view



Photo Documentation

Reference No.: WTF22D08177224Y





Figure 5: Interior view

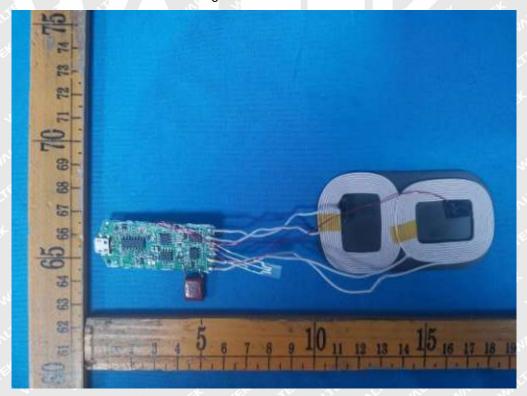


Figure 6: PCB view



Photo Documentation

Reference No.: WTF22D08177224Y





Figure 7: PCB view

===== End of Report ======