



TEST REPORT

Reference No	w.	WTF22D07136335Y
--------------	----	-----------------

Applicant.....: Mid Ocean Brands B.V.

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

Hong Kong

Manufacturer : 117237

Address: /

Product: Table Light wireless charger

Model(s)..... : MO6346

Total pages.....: 58 + 6 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.... : 2022-07-07

Date of Test..... : 2022-07-07 to 2022-09-14

Date of Issue..... : 2022-09-21

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:

Gary Lin

Gary Liu / Project Engineer

Sam Qi / Designated Reviewer



Reference No.: WTF22D07136335Y Page 2 of 58

Test item description: Table Light wireless charger

Trademark: MOB

Model and/or type reference: MO6346

Rating(s): Input: 5VDC, 2.5A /9VDC, 2A

Wireless output: 5VDC, 1A /9VDC, 1.1A 10W max. USB each output: 5VDC, 2.0A; total output: 5VDC, 2.0A

Remark:

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes 🖂 No

If Yes, list the related test items and lab information:

Test items: Lab information:

List of Attachments (including a total number of pages in each attachment):

Attachment 1: Photo Documentation (6 pages)

Summary of testing:

Tests performed (name of test and test clause):

All applicable tests as described in Test Case and Measurement Sections were performed.

- Maximal ambient temperature as specified by the manufacturer: +45°C.
- The equipment is specified to be operated up to 2000m above sea
 level

4.1.5, F3.10	Durability, legibility and permanence of markings
4.4.3.2, (T.5)	Steady force test, 250 N
4.4.3.4, (T.6)	Impact test
4.4.4.7, (T.8)	Stress Relief Test
5.2	Electrical energy source classifications
5.4.1.4, 6.3.2, 9.2.6, B.2.6	Maximum operating temperatures for materials, components and systems
6.2.2	Power source circuit classifications
9.3.1	Equipment safeguards for thermal burn
9.6	Temperature measurements for wireless power transmitters
B.2.5	Input tests
B.3	Simulated abnormal operating condition tests
B.4	Simulated single fault conditions
Q.1	Limited power sources

Testing location:

Waltek Testing Group Co., Ltd. No. 77, Houjie Section, Guantai R oad, Houjie Town, Dongguan City, Guangdong, China

Summary of compliance with National Differences:

None

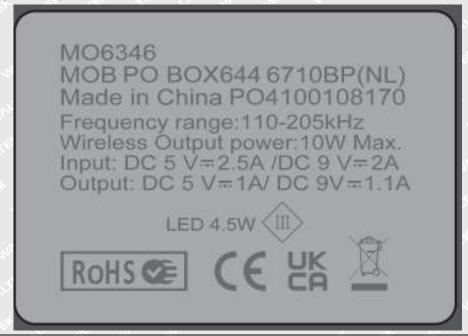
The product fulfils the requirements of EN IEC 62368-1:2020+A11:2020

Page 3 of 58



Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.





Reference No.: WTF22D07136335Y Page 4 of 58

Test item particulars:	WITE MILLE WALL WALL WITH WALL WALL
Product group:	
Classification of use by:	☑ Ordinary person☑ Instructed person☑ Skilled person
Supply connection:	☐ AC mains ☐ DC mains ☐ not mains connected: ☐ ES1 ☐ ES2 ☐ ES3
Supply tolerance:	☐ +10%/-10% ☐ +20%/-15% ☐ + %/ - % ☑ None
Supply connection – type:	pluggable equipment type A -
while while while while while while	☐ permanent connection ☐ mating connector ☐ other: not directly connected to the mains.
Considered current rating of protective device	Location: building equipment
Equipment mobility:	N/A ☐ movable ☐ hand-held ☐ transportable ☐ direct plug-in ☐ stationary ☐ for building-in ☐ wall/ceiling-mounted ☐ SRME/rack-mounted ☐ other:
Overvoltage category (OVC)::	☐ OVC I ☐ OVC II ☐ OVC III ☐ OVC IV ☐ other: not directly connected to the mains.
Class of equipment: Special installation location:	☐ Class I ☐ Class II ☐ Class III ☐ Not classified ☐ ☐ ☐ Not classified ☐ ☐ ☐ restricted access area
Pollution degree (PD):	☐ outdoor location☐ ☐ PD 1 PD 2 PD 3
Manufacturer's specified T _{ma} :	45 °C Outdoor: minimum °C
IP protection class:	☐ IP_
Power systems:	☐ TN ☐ TT ☐ IT - V _{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):	0.46 kg



Reference No.: WTF22D07136335Y Page 5 of 58

Possible test case verdicts:	The the second second
- test case does not apply to the test object	: N/A
- test object does meet the requirement	: P (Pass)
- test object does not meet the requirement	: F (Fail)
Testing:	and the state of the state of
Date of receipt of test item	: 2022-07-07
Date (s) of performance of tests	··: 2022-07-07 to 2022-09-14
General remarks:	with the state of
"(See Enclosure #)" refers to additional informa	ation appended to the report.
"(See appended table)" refers to a table append	ed to the report.
Throughout this report a 🗌 comma / 🛛 poi	nt is used as the decimal separator.
General product information and other rema	arks: we we we
 The product with model MO6346 which used wireless charger; 	d as information technology equipment is Table Light
2. The product is powered by an external DC so	
 The product has two kinds of output: USB out	
4. The equipment used a maximum altitude of 2	
Model difference:	a de les la late alle pulle a
None	
None	
with which and the	erations used to test a component or sub-assembly) –
Additional application considerations – (Consid Integrated sample provided.	lerations used to test a component or sub-assembly) –
Additional application considerations – (Consid	lerations used to test a component or sub-assembly) –



Reference No.: WTF22D07136335Y Page 6 of 58

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
Ordinary	ES1: Input circuit ES1: Wireless output ES1: USB output	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	S	R
Combustible materials within equipment	PS1: 5V input circuit PS1: Wireless output	N/A	N/A	N/A
Combustible materials within equipment	PS2: 9V input circuit PS2: USB output	See 6.3	Fire enclosure and V-0 PCB board used	N/A
7	Injury caused by hazardous s	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
Ordinary	MS1: Sharp edges, corners and Equipment mass	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
Ordinary	TS1: Accessible parts	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
Ordinary	RS1: LED and indicating light	N/A	N/A	N/A

"B" – Basic Safeguard; "S" – Supplementary Safeguard; "R" – Reinforced Safeguard



Reference No.: WTF22D07136335Y Page 7 of 58

Clause	Requirement + Test	Result - Remark	Verdict
4	GENERAL REQUIREMENTS	AV AY AV	Р
4.1.1	Acceptance of materials, components and subassemblies	See appended table 4.1.2	un l'P
4.1.2	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	LIE PUNI EX WALTE WALTEX
4.1.3	Equipment design and construction	LIER SLIER WIFE SMILE	ILO P W
4.1.4	Specified ambient temperature for outdoor use (°C)	et tet itet sitet is	N/A
4.1.5	Constructions and components not specifically covered	and an an an	N/A
4.1.8	Liquids and liquid filled components (LFC)	White Mrs. Mrs. Mrs.	N/A
4.1.15	Markings and instructions	(See Annex F)	P
4.4.3	Safeguard robustness	We Me Me Me	Р
4.4.3.1	General	ART STEE STEEL	ITE P
4.4.3.2	Steady force tests	(See Clause T.5)	Р
4.4.3.3	Drop tests	A TE LITTE MITTER MY	N/A
4.4.3.4	Impact tests	(See Clause T.6)	Р
4.4.3.5	Internal accessible safeguard tests	THE STEE WITCH MITTE	N/A
4.4.3.6	Glass impact tests	No glass used.	N/A
4.4.3.7	Glass fixation tests	lifet alife white white	N/A
	Glass impact test (1J)		N/A
ry, Mrr.	Push/pull test (10 N)	iet miter mite white w	N/A
4.4.3.8	Thermoplastic material tests	(See Clause T.8)	+ P
4.4.3.9	Air comprising a safeguard	White white white white	N/A
4.4.3.10	Accessibility, glass, safeguard effectiveness	The state of the	N/A
4.4.4	Displacement of a safeguard by an insulating liquid	WILL WILL MULL MULL	N/A
4.4.5	Safety interlocks	(See Annex K)	N/A
4.5	Explosion	YELL MUSE, MUSE MUSE A	Р
4.5.1	General	at left of the of	P
4.5.2	No explosion during normal/abnormal operating condition	(See Clause B.2, B.3)	Р
The .	No harm by explosion during single fault conditions	(See Clause B.4)	√/P
4.6	Fixing of conductors	A ST SET SET	N/A
41. 9	Fix conductors not to defeat a safeguard	Rife Will Will WA	N/A



Reference No.: WTF22D07136335Y Page 8 of 58

	EN IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
- 14,	Compliance is checked by test:	Muse Miss Miss And	N/A
4.7	Equipment for direct insertion into mains socket	-outlets	N/A
4.7.2	Mains plug part complies with relevant standard:	Le Au Au au	N/A
4.7.3	Torque (Nm)	LET LIET WIFE WIFE IN	N/A
4.8	Equipment containing coin/button cell batteries	The second	N/A
4.8.1	General	t lifet outer until whi	N/A
4.8.2	Instructional safeguard	711 72	N/A
4.8.3	Battery compartment door/cover construction	STEE WITE WALL WALL	N/A
, et	Open torque test		N/A
4.8.4.2	Stress relief test	LIET WITE WALL MALL	N/A
4.8.4.3	Battery replacement test	e at let	N/A
4.8.4.4	Drop test	The Marie Wall Wall W	N/A
4.8.4.5	Impact test	and the state of	N/A
4.8.4.6	Crush test	WILL MILL MILL MINE	N/A
4.8.5	Compliance	at at the talk	N/A
20, 2	30N force test with test probe	Will Mur and and	N/A
STER W	20N force test with test hook	the Tex liter	N/A
4.9	Likelihood of fire or shock due to entry of condu	ctive object	N/A
4.10	Component requirements		N/A
4.10.1	Disconnect Device	No such devices used.	N/A
4.10.2	Switches and relays	No such switches and relays used.	N/A

5	ELECTRICALLY-CAUSED INJURY	WILL MUT, MUT, My	Р
5.2	Classification and limits of electrical energy sources		JEEP POL
5.2.2	ES1, ES2 and ES3 limits	Considered as ES1	Р
5.2.2.2	Steady-state voltage and current limits	- TEK TEK STEK ST	N/A
5.2.2.3	Capacitance limits	Mer Me Me Me	N/A
5.2.2.4	Single pulse limits:	TEX TEX STEX WITE	N/A
5.2.2.5	Limits for repetitive pulses	me me in a	N/A
5.2.2.6	Ringing signals	THE LIET OUTER WITE IS	N/A
5.2.2.7	Audio signals	1. M. M. M.	N/A
5.3	Protection against electrical energy sources	TEX STEE WITE MITE WAS	N/A
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons	TEL TEL STEE WIFE	N/A
5.3.1 a)	Accessible ES1/ES2 derived from ES2/ES3 circuits	The The In in	N/A



Reference No.: WTF22D07136335Y Page 9 of 58

EN IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict
5.3.1 b)	Skilled persons not unintentional contact ES3 bare conductors	which was any and	N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	with must must must	N/A
Tr. Mer.	Accessibility to outdoor equipment bare parts	TER MITE WALLE WALLE ON	N/A
5.3.2.2	Contact requirements	at at at a	N/A
The .	Test with test probe from Annex V	WILL MILL MULL MULL	-
5.3.2.2 a)	Air gap – electric strength test potential (V)	a at alt all	N/A
5.3.2.2 b)	Air gap – distance (mm):	Will Mill Mar Mar	N/A
5.3.2.3	Compliance	at at at at	N/A
5.3.2.4	Terminals for connecting stripped wire	THE METER WAY AND A	N/A
5.4	Insulation materials and requirements	at let set set set as	N/A
5.4.1.2	Properties of insulating material	The Mer Me The	N/A
5.4.1.3	Material is non-hygroscopic	. At the the state	N/A
5.4.1.4	Maximum operating temperature for insulating materials:	Mary May May May	N/A
5.4.1.5	Pollution degrees:	2 ct with the m	N/A
5.4.1.5.2	Test for pollution degree 1 environment and for an insulating compound	Pollution degree 2 is applied. No insulating compound applied (however see 5.5.4).	N/A
5.4.1.5.3	Thermal cycling test	a city all miles and	N/A
5.4.1.6	Insulation in transformers with varying dimensions	No such transformer within the EUT	N/A
5.4.1.7	Insulation in circuits generating starting pulses	No such starting pulses within the EUT	N/A
5.4.1.8	Determination of working voltage:	stil met met me v	N/A
5.4.1.9	Insulating surfaces	at at let the	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	MULT AND THE THE	N/A
5.4.1.10.2	Vicat test:	antic water water was	N/A
5.4.1.10.3	Ball pressure test	at the little	N/A
5.4.2	Clearances	WILL MULL AND AND AND	N/A
5.4.2.1	General requirements	at at all the	N/A
at at	Clearances in circuits connected to AC Mains, Alternative method	the me and a	N/A
5.4.2.2	Procedure 1 for determining clearance	the write while war who	N/A
t Jet	Temporary overvoltage:	at the state of	_
5.4.2.3	Procedure 2 for determining clearance	antic muli muli muli	N/A
5.4.2.3.2.2	a.c. mains transient voltage:		_



Reference No.: WTF22D07136335Y Page 10 of 58

" Mer	EN IEC 62368-1	ier write while while and	211
Clause	Requirement + Test	Result - Remark	Verdict
5.4.2.3.2.3	d.c. mains transient voltage	No such transient	_
5.4.2.3.2.4	External circuit transient voltage:	No such transient	_
5.4.2.3.2.5	Transient voltage determined by measurement:	V. M. M. M.	_
5.4.2.4	Determining the adequacy of a clearance using an electric strength test	Using procedure 2 to determine the clearance according to 5.4.2.3.	N/A
5.4.2.5	Multiplication factors for clearances and test voltages	MULL AND AND AND	N/A
5.4.2.6	Clearance measurement	CLIEB MITE ONLIE WILL	N/A
5.4.3	Creepage distances	and the second	N/A
5.4.3.1	General	LIFE WITE WALL WALL V	N/A
5.4.3.3	Material group	s at at at	_
5.4.3.4	Creepage distances measurement	E MUTTE MUTTE MUTE AND	N/A
5.4.4	Solid insulation	at at the de	N/A
5.4.4.1	General requirements	Will Mrs Mrs Mrs Mrs	N/A
5.4.4.2	Minimum distance through insulation	at let the tree	N/A
5.4.4.3	Insulating compound forming solid insulation	No such insulation applied.	N/A
5.4.4.4	Solid insulation in semiconductor devices	THE STEEL STEEL	N/A
5.4.4.5	Insulating compound forming cemented joints	2 24 24 24 25	N/A
5.4.4.6	Thin sheet material	The Life Mi	N/A
5.4.4.6.1	General requirements	Mr. Mr. Mr.	N/A
5.4.4.6.2	Separable thin sheet material	THE STEE WITE WITE	N/A
*	Number of layers (pcs)	M. W. 2	N/A
5.4.4.6.3	Non-separable thin sheet material	No such insulation used within the EUT	N/A
LIE WILLE	Number of layers (pcs)	Et TEX LITER NITER NO	N/A
5.4.4.6.4	Standard test procedure for non-separable thin sheet material	of the text	N/A
5.4.4.6.5	Mandrel test	Mur Aur Au Au	N/A
5.4.4.7	Solid insulation in wound components	the the the title	N/A
5.4.4.9	Solid insulation at frequencies >30 kHz, E_P , K_R , d , V_{PW} (V)	and the fit	N/A
Ch Ch	Alternative by electric strength test, tested voltage (V), K _R	The Must make the	N/A
5.4.5	Antenna terminal insulation	A WILL WHILE WALL MA	N/A
5.4.5.1	General	a at at a	N/A
5.4.5.2	Voltage surge test	WILL MULL MULL MILL	N/A
5.4.5.3	Insulation resistance (MΩ)	A ST ST ST	N/A
Mr. 711.	Electric strength test	all wall wall with	N/A

Reference No.: WTF22D07136335Y Page 11 of 58

2/L	EN IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict	
5.4.6	Insulation of internal wire as part of supplementary safeguard	MULT MIT WITH THE	N/A	
5.4.7	Tests for semiconductor components and for cemented joints	NITE WILL WILL WILL	N/A	
5.4.8	Humidity conditioning	TER MITE WALTE WALTE	N/A	
EK MITEK	Relative humidity (%), temperature (°C), duration (h)	- I'll sifet milet un	<u> </u>	
5.4.9	Electric strength test	The The Street	N/A	
5.4.9.1	Test procedure for type test of solid insulation:	(See appended table 5.4.9)	N/A	
5.4.9.2	Test procedure for routine test	M M Th	N/A	
5.4.10	Safeguards against transient voltages from external circuits	LIER WILL MILL WILL	N/A	
5.4.10.1	Parts and circuits separated from external circuits	EX TEX SITES NITES N	N/A	
5.4.10.2	Test methods	The The The The	N/A	
5.4.10.2.1	General	LIER OLIER ORLIER ONE	N/A	
5.4.10.2.2	Impulse test	(See appended table 5.4.9)	N/A	
5.4.10.2.3	Steady-state test	(See appended table 5.4.9)	N/A	
5.4.10.3	Verification for insulation breakdown for impulse test	at July suret	N/A	
5.4.11	Separation between external circuits and earth	7 12 2	N/A	
5.4.11.1	Exceptions to separation between external circuits and earth	White white wh	N/A	
5.4.11.2	Requirements	TER TER STER WIT	N/A	
TEL	SPDs bridge separation between external circuit and earth	and any all the	N/A	
in in	Rated operating voltage U _{op} (V)	itte Mer mer mer	· —	
JEK NIE	Nominal voltage U _{peak} (V)	at at the the	_	
4,	Max increase due to variation ΔU_{sp} :	me me m		
IN THE	Max increase due to ageing ΔU_{sa} :	- TEX STEX SITES ON	ý <u> </u>	
5.4.11.3	Test method and compliance:	(See appended table 5.4.9)	N/A	
5.4.12	Insulating liquid	TER STER WIFE SUITE	N/A	
5.4.12.1	General requirements	11. 14. 14.	N/A	
5.4.12.2	Electric strength of an insulating liquid:	(See appended table 5.4.9)	N/A	
5.4.12.3	Compatibility of an insulating liquid	(See appended table 5.4.9)	N/A	
5.4.12.4	Container for insulating liquid	A WILL NUTE WALL ON	N/A	
5.5	Components as safeguards	a at at a	N/A	
5.5.1	General	WILL MULL MULL MALL	N/A	
5.5.2	Capacitors and RC units	A ST ST ST	N/A	
5.5.2.1	General requirement	alie with whi whi	N/A	



Reference No.: WTF22D07136335Y Page 12 of 58

The same	EN IEC 62368-1	it wife with whi wi	41
Clause	Requirement + Test	Result - Remark	Verdict
5.5.2.2	Safeguards against capacitor discharge after disconnection of a connector	(See appended table 5.5.2.2)	N/A
5.5.3	Transformers	rete whit whit whi	N/A
5.5.4	Optocouplers	at at all all	N/A
5.5.5	Relays	in which were the so	N/A
5.5.6	Resistors	t get get gret og	N/A
5.5.7	SPDs	me me me m	N/A
5.5.8	Insulation between the mains and an external circuit consisting of a coaxial cable	MILIER MILIER MILIER WALTE	N/A
5.5.9	Safeguards for socket-outlets in outdoor equipment	at at let the	N/A
12 20	RCD rated residual operating current (mA)	TIL MUT. MUT. M.	
5.6	Protective conductor	of the text attention	N/A
5.6.2	Requirement for protective conductors	and the the	N/A
5.6	Protective conductor	TEN TEN STEEL STEEL WIT	N/A
5.6.2	Requirement for protective conductors	Mr. Mr. M. M.	N/A
5.6.2.1	General requirements	TEX TEX STEE STEE SOLIE	N/A
5.6.2.2	Colour of insulation	10 10 10	N/A
5.6.3	Requirement for protective earthing conductors	THE MITTER WITE W	N/A
st sil	Protective earthing conductor size (mm²)	3 1 1 1	_
MUT	Protective earthing conductor serving as a reinforced safeguard	WHITE WALL WALL WA	N/A
WHITE.	Protective earthing conductor serving as a double safeguard	WALTER WALTER WALTER WALTE	N/A
5.6.4	Requirements for protective bonding conductors	THE THE THE STEEL	N/A
5.6.4.1	Protective bonding conductors	or, we me in	N/A
ITER WALT	Protective bonding conductor size (mm²):	Et TEX STEX STEX STER ST	-
5.6.4.2	Protective current rating (A)	. Mrs. Mrs. Mr.	N/A
5.6.5	Terminals for protective conductors	- liter aliter miles unit	N/A
5.6.5.1	Terminal size for connecting protective earthing conductors (mm)	the text text attention	N/A
16th 1	Terminal size for connecting protective bonding conductors (mm)	my my my m	N/A
5.6.5.2	Corrosion	File MUTL WATE AND A	N/A
5.6.6	Resistance of the protective bonding system	a state of the	N/A
5.6.6.1	Requirements	mur, mer, mer m	N/A
5.6.6.2	Test Method:	(See appended table 5.6.6)	N/A
5.6.6.3	Resistance (Ω) or voltage drop:	(See appended table 5.6.6)	N/A
5.6.7	Reliable connection of a protective earthing conductor	NITER WITER WHITE	N/A



Reference No.: WTF22D07136335Y Page 13 of 58

	EN IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
5.6.8	Functional earthing	Mr. Mr. Mr. Will	N/A
TITET ST	Conductor size (mm²):	THE THE LIER SLITES	N/A
4	Class II with functional earthing marking	he me me m	N/A
ite, wi	Appliance inlet cl & cr (mm):	TEX STEX NUTER OUTER OF	N/A
5.7	Prospective touch voltage, touch current and pro	otective conductor current	N/A
5.7.2	Measuring devices and networks		N/A
5.7.2.1	Measurement of touch current	(See appended table 5.7.2.2, 5.7.4)	N/A
5.7.2.2	Measurement of voltage	The The Man And And	N/A
5.7.3	Equipment set-up, supply connections and earth connections	TEEK WHITE WHITE	N/A
5.7.4	Unearthed accessible parts	(See appended table 5.7.4)	N/A
5.7.5	Earthed accessible conductive parts	(See appended table 5.7.5)	N/A
5.7.6	Requirements when touch current exceeds ES2 limits	MALIER WALTER WALTER WALT	N/A
Jet .	Protective conductor current (mA)	at at all all	N/A
111 11	Instructional Safeguard	Note that they want	N/A
5.7.7	Prospective touch voltage and touch current associated with external circuits	THE WALTER WALTER W	N/A
5.7.7.1	Touch current from coaxial cables	the second	N/A
5.7.7.2	Prospective touch voltage and touch current associated with paired conductor cables	MILLE WALL WALL WAS	N/A
5.7.8	Summation of touch currents from external circuits	ALTER MALTER MALTE MALLE	N/A
UNITEK NA	a) Equipment connected to earthed external circuits, current (mA)	TEX LIEX SLIES BUTES	N/A
TEX SIT	b) Equipment connected to unearthed external circuits, current (mA):	at the life life	N/A
5.8	Backfeed safeguard in battery backed up supplie	es were were and an	N/A
EK NITER	Mains terminal ES	(See appended table 5.8)	N/A
12,	Air gap (mm)	mer, mer me m.	N/A

6	ELECTRICALLY- CAUSED FIRE		A P
6.2	Classification of PS and PIS	at let let text	of P
6.2.2	Power source circuit classifications:	(See appended table 6.2.2)	Р
6.2.3	Classification of potential ignition sources	of the text of the same	P
6.2.3.1	Arcing PIS	(See appended table 6.2.3.1)	N/A
6.2.3.2	Resistive PIS:	(See appended table 6.2.3.2)	Р
6.3	Safeguards against fire under normal operating a conditions	nd abnormal operating	P



Reference No.: WTF22D07136335Y Page 14 of 58

	EN IEC 62368-1				
Clause	Requirement + Test	Result - Remark	Verdict		
6.3.1	No ignition and attainable temperature value less than 90 % defined by ISO 871 or less than 300 °C for unknown materials:	(See appended table B.1.5 and B.3)	P		
- C+ - 1	Combustible materials outside fire enclosure:	The state of the s	N/A		
6.4	Safeguards against fire under single fault condition	ons att and a	Pol.		
6.4.1	Safeguard method	Method of "control of fire spread" is used.	P P		
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	the tex they will	N/A		
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits	NULL WAS THE TEX	N/A		
6.4.3.1	Supplementary safeguards	The Mer Mer Mer.	N/A		
6.4.3.2	Single Fault Conditions:	(See appended table B.4)	JE P		
70,	Special conditions for temperature limited by fuse	The The The The	N/A		
6.4.4	Control of fire spread in PS1 circuits	LEK TEK STEK ST	N/A		
6.4.5	Control of fire spread in PS2 circuits	Mer Mer Me An	Р		
6.4.5.2	Supplementary safeguards	Fire enclosure and V-0 PCB board used.	on P		
6.4.6	Control of fire spread in PS3 circuits	A THE THE	N/A		
6.4.7	Separation of combustible materials from a PIS	2 July my 2	N/A		
6.4.7.2	Separation by distance	The The S	N/A		
6.4.7.3	Separation by a fire barrier	They are my my	N/A		
6.4.8	Fire enclosures and fire barriers	THE THE STEEL STEEL STEEL	Р		
6.4.8.2	Fire enclosure and fire barrier material properties	The Me in in	Р		
6.4.8.2.1	Requirements for a fire barrier	THE LIER NITER MITE	N/A		
6.4.8.2.2	Requirements for a fire enclosure	Fire enclosure used.	Р		
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	EX WHITE WHITE WHITE W	N/A		
6.4.8.3.1	Fire enclosure and fire barrier openings	TEX STEX STEX OUT	N/A		
6.4.8.3.2	Fire barrier dimensions	my my my	N/A		
6.4.8.3.3	Top openings and properties	THE LIFE SLIEB WITE	N/A		
	Openings dimensions (mm):	The American	N/A		
6.4.8.3.4	Bottom openings and properties	TEX SITEX MITER WAITER	N/A		
*	Openings dimensions (mm):	24 25	N/A		
MULL	Flammability tests for the bottom of a fire enclosure	ALTER WITE WALTER WA	N/A		
t st	Instructional Safeguard:	20 20 A A	N/A		
6.4.8.3.5	Side openings and properties	WILL WILL MULL MULL	N/A		
*	Openings dimensions (mm):	70 7	N/A		



Reference No.: WTF22D07136335Y Page 15 of 58

	EN IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
6.4.8.3.6	Integrity of a fire enclosure, condition met: a), b) or c)	White was mit was	N/A
6.4.8.4	Separation of a PIS from a fire enclosure and a fire barrier distance (mm) or flammability rating:	Will Must more and	N/A
6.4.9	Flammability of insulating liquid:	TER OLITER WHITE WHITE	N/A
6.5	Internal and external wiring	· · · · · · · · · · · · · · · · · · ·	N/A
6.5.1	General requirements	inche white white we	N/A
6.5.2	Requirements for interconnection to building wiring	STEEL NUTER WATER SHEET	N/A
6.5.3	Internal wiring size (mm²) for socket-outlets:	The same of the	N/A
6.6	Safeguards against fire due to the connection to	additional equipment	JAP D

7	INJURY CAUSED BY HAZARDOUS SUBSTANCES	N/A
7.2	Reduction of exposure to hazardous substances	N/A
7.3	Ozone exposure	N/A
7.4	Use of personal safeguards or personal protective equipment (PPE)	N/A
Mr.	Personal safeguards and instructions:	
7.5	Use of instructional safeguards and instructions	N/A
1. 2.	Instructional safeguard (ISO 7010)	_
7.6	Batteries and their protection circuits	N/A

8	MECHANICALLY-CAUSED INJURY	P
8.2	Mechanical energy source classifications	P
8.3	Safeguards against mechanical energy sources	N/A
8.4	Safeguards against parts with sharp edges and corners	N/A
8.4.1	Safeguards	N/A
et et	Instructional Safeguard	N/A
8.4.2	Sharp edges or corners	N/A
8.5	Safeguards against moving parts	N/A
8.5.1	Fingers, jewellery, clothing, hair, etc., contact with MS2 or MS3 parts	N/A
iles al	MS2 or MS3 part required to be accessible for the function of the equipment	N/A
ITE NALT	Moving MS3 parts only accessible to skilled person	N/A
8.5.2	Instructional safeguard:	N/A
8.5.4	Special categories of equipment containing moving parts	N/A
8.5.4.1	General	N/A



Reference No.: WTF22D07136335Y Page 16 of 58

	EN IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
8.5.4.2	Equipment containing work cells with MS3 parts	Murit Muril Mil	N/A
8.5.4.2.1	Protection of persons in the work cell	TEK ITEK SITEK	N/A
8.5.4.2.2	Access protection override	24 24 24 3	N/A
8.5.4.2.2.1	Override system	TEX LIFE OLIFE AND	N/A
8.5.4.2.2.2	Visual indicator	20, 20,	N/A
8.5.4.2.3	Emergency stop system	F RITER WITE WALL	N/A
Whitek W	Maximum stopping distance from the point of activation (m)	TEL STEE STIEL	N/A
- Lifet and	Space between end point and nearest fixed mechanical part (mm)	ing in the	N/A
8.5.4.2.4	Endurance requirements	Mr. Mr. Mr. Mr. Mr.	N/A
TE WALTE	Mechanical system subjected to 100 000 cycles of operation	LEK WHITEK WHITEK WHI	N/A
LIER .	- Mechanical function check and visual inspection	of the text of the	N/A
20,	- Cable assembly	Mur Mur Mur	N/A
8.5.4.3	Equipment having electromechanical device for destruction of media	INLIER WHILER WHILER	N/A
8.5.4.3.1	Equipment safeguards	A A	N/A
8.5.4.3.2	Instructional safeguards against moving parts:	2 200 20	N/A
8.5.4.3.3	Disconnection from the supply		N/A
8.5.4.3.4	Cut type and test force (N):	Mr. Mr. Mr.	N/A
8.5.4.3.5	Compliance	to the little stiffe	N/A
8.5.5	High pressure lamps	21/2 11/2 11/2	N/A
write wit	Explosion test:	LIER OLIER WITE W	N/A
8.5.5.3	Glass particles dimensions (mm):	20. 20. 20.	N/A
8.6	Stability of equipment	LIER MITER WALTE WAL	N/A
8.6.1	General		N/A
m.	Instructional safeguard:	INLIE WALL WALL	N/A
8.6.2	Static stability	. It let get	N/A
8.6.2.2	Static stability test:	MULL MULL MULL	N/A
8.6.2.3	Downward force test	Let tel tiel	N/A
8.6.3	Relocation stability	him me m	N/A
IE NALTE	Wheels diameter (mm):	THE LIER NITER WIT	ini
L d	Tilt test	24, 24, 25	N/A
8.6.4	Glass slide test	Y ALTER MITER ANTER	N/A
8.6.5	Horizontal force test	7/1 /2	N/A
8.7	Equipment mounted to wall, ceiling or other stru	cture	N/A



Reference No.: WTF22D07136335Y Page 17 of 58

also.	EN IEC 62368-1	it with white whi	2115. 211.
Clause	Requirement + Test	Result - Remark	Verdic
8.7.1	Mount means type	mer men met	N/A
8.7.2	Test methods	TEX TEX LIER	N/A
2,	Test 1, additional downwards force (N):	We Alle Me A	N/A
ALTE WAL	Test 2, number of attachment points and test force (N)	FER MULTER MULTER MUL	N/A
EK WALTER	Test 3 Nominal diameter (mm) and applied torque (Nm)	e united white	N/A
8.8	Handles strength	a at at	N/A
8.8.1	General	WILL MILL MILL	N/A
8.8.2	Handle strength test	at at all	N/A
11 211	Number of handles	in Mun Mun M	_
LIEN NLIE	Force applied (N)	at all all s	Et 150 - 10
8.9	Wheels or casters attachment requirements	Aur Aur Au	N/A
8.9.2	Pull test	y tel tel till	N/A
8.10	Carts, stands and similar carriers	m m	N/A
8.10.1	General	TEX TEX STEE	N/A
8.10.2	Marking and instructions	11. 11. 11.	N/A
8.10.3	Cart, stand or carrier loading test	THE MITTER WAY	N/A
A 18	Loading force applied (N)		N/A
8.10.4	Cart, stand or carrier impact test	The MITTER WALL	N/A
8.10.5	Mechanical stability	1 x x	N/A
aller.	Force applied (N)	MILIE WALL WALL	me m
8.10.6	Thermoplastic temperature stability	at at at	N/A
8.11	Mounting means for slide-rail mounted equipmer	nt (SRME)	N/A
8.11.1	General	at at at a	N/A
8.11.2	Requirements for slide rails	in mer mer me	N/A
EK ILLTER	Instructional Safeguard	I TEK JEK JE	N/A
8.11.3	Mechanical strength test	me me m	N/A
8.11.3.1	Downward force test, force (N) applied:	THE LIER SITES	N/A
8.11.3.2	Lateral push force test	in in in	N/A
8.11.3.3	Integrity of slide rail end stops	TEX SITEX OUTER AD	N/A
8.11.4	Compliance	1 24 25 4	N/A
8.12	Telescoping or rod antennas	TER OLITER WITE WALT	N/A
L of	Button/ball diameter (mm)	20, 2,	<u> </u>

9	THERMAL BURN INJURY	Р
9.2	Thermal energy source classifications	b an



Reference No.: WTF22D07136335Y Page 18 of 58

EN IEC 62368-1					
Clause	Requirement + Test	Result - Remark	Verdict		
9.3	Touch temperature limits	MULL MULL MILL MILL	Р		
9.3.1	Touch temperatures of accessible parts	(See appended table)	TP .		
9.3.2	Test method and compliance	the Mr. M. M.	Р		
9.4	Safeguards against thermal energy sources	THE THE WIFE MITE	N/A		
9.5	Requirements for safeguards	2 Min 24 24	N/A		
9.5.1	Equipment safeguard	Enclosure	N/A		
9.5.2	Instructional safeguard:	141 141 141	N/A		
9.6	Requirements for wireless power transmitters	LIFE MITE MITE MILE	WP P		
9.6.1	General		P		
9.6.2	Specification of the foreign objects	LIFE WITE WALL WALL	1 P 20		
9.6.3	Test method and compliance:	(See appended table 9.6)	A P		

10	RADIATION		P
10.2	Radiation energy source classification	MILL MILL MUT MILL MILL	Р
10.2.1	General classification	The LED and indicating light were RS1	MIPI
Let .	Lasers		
rk re	Lamps and lamp systems	LED of lamp was exempt group.	_
MUEL	Image projectors:	se out and and white whi	_
t det	X-Ray:	1 A C+ CH	
Min	Personal music player	WILL MULL MULL MULL	
10.3	Safeguards against laser radiation	a state the	N/A
the st	The standard(s) equipment containing laser(s) comply	Will must mare must	N/A
10.4	Safeguards against optical radiation from lamps LED types)	and lamp systems (including	N/A
10.4.1	General requirements	- LIEK SLIEK MLIEK SINLY	N/A
LIEK	Instructional safeguard provided for accessible radiation level needs to exceed	the tex tex stex	N/A
20,	Risk group marking and location:	mr. mr. m. m.	N/A
CLIEF W	Information for safe operation and installation	TEK TEK SITEK MITEK	N/A
10.4.2	Requirements for enclosures	to the the	N/A
TE MALT	UV radiation exposure:	et liet aliet mile was	N/A
10.4.3	Instructional safeguard:	M. M. A.	N/A
10.5	Safeguards against X-radiation	LILER MITER MITER ANNIE	N/A
10.5.1	Requirements	The state of	N/A
ares a	Instructional safeguard for skilled persons:	LIFE ALTE MLIP MALE	_



Reference No.: WTF22D07136335Y Page 19 of 58

	EN IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
10.5.3	Maximum radiation (pA/kg):	Must mail mil	7,0
10.6	Safeguards against acoustic energy sources	THE THE THE	N/A
10.6.1	General	the me me	N/A
10.6.2	Classification	CENT STEE STEEL WE	N/A
اد ب	Acoustic output L _{Aeq,T} , dB(A)	111 211 211	N/A
White	Unweighted RMS output voltage (mV):	e stier witer with	N/A
	Digital output signal (dBFS)	20, 20,	N/A
10.6.3	Requirements for dose-based systems	SLIER WITE WALLE	N/A
10.6.3.1	General requirements	The state of the s	N/A
10.6.3.2	Dose-based warning and automatic decrease	LIFE WILL WALL W	N/A
10.6.3.3	Exposure-based warning and requirements	1 A St 2	or on N/A o
- m	30 s integrated exposure level (MEL30)	the write white whe	N/A
the Clerk	Warning for MEL ≥ 100 dB(A)	e at at at	N/A
10.6.4	Measurement methods	" WILL AND AND	N/A
10.6.5	Protection of persons	at at the	N/A
14 2	Instructional safeguards	mer and a	N/A
10.6.6	Requirements for listening devices (headphones, earphones, etc.)	TET NITTER WA	N/A
10.6.6.1	Corded listening devices with analogue input	# 16	N/A
"Inc.	Listening device input voltage (mV)	Write Mury Mury	N/A
10.6.6.2	Corded listening devices with digital input	at at the	N/A
20, ,	Max. acoustic output L _{Aeq,T} , dB(A)	White white when	N/A
10.6.6.3	Cordless listening devices	Et TEX TEX	N/A
in 2,	Max. acoustic output L _{Aeq,T} , dB(A)	ATT THE THE TH	N/A

В	NORMAL OPERATING CONDITION TESTS, ABNORMAL OPERATING CONDITION TESTS AND SINGLE FAULT CONDITION TESTS		P
B.1	General	General The Title Mark Mark Mark Mark Mark Mark Mark Mark	
B.1.5	Temperature measurement conditions	(See appended table B.1.5)	Р
B.2	Normal operating conditions		Р
B.2.1	General requirements	: (See summary of testing& appended test tables)	NLT P W
TEK WAL	Audio Amplifiers and equipment with audio amplifiers	L' A MILIER MALTER MALTER MA	N/A
B.2.3	Supply voltage and tolerances	a state of the	N/A
B.2.5	Input test	: (See appended table B.2.5)	√ ⁰ P
B.3	Simulated abnormal operating conditions	at at all the	Р



Reference No.: WTF22D07136335Y Page 20 of 58

- an	EN IEC 62368-1	it with whi w	Ver an
Clause	Requirement + Test	Result - Remark	Verdict
B.3.1	General Control on the Control of th	(See appended table B.3&B.4)	P
B.3.2	Covering of ventilation openings	Will mill mer mu	N/A
JEK J	Instructional safeguard:	at at let tet	N/A
B.3.3	DC mains polarity test	the many many many	N/A
B.3.4	Setting of voltage selector	No such voltage selector	N/A
B.3.5	Maximum load at output terminals	(See appended table B.3)	Р
B.3.6	Reverse battery polarity	LEK TEK TEK NI	N/A
B.3.7	Audio amplifier abnormal operating conditions	The Me Me	N/A
B.3.8	Safeguards functional during and after abnormal operating conditions	All safeguards remained effective.	Р
B.4	Simulated single fault conditions	of let like like	OFFEE PAR
B.4.1	General	Mus. Mrs. My	Р
B.4.2	Temperature controlling device	TEX JER JIER W	N/A
B.4.3	Blocked motor test	my my my	N/A
B.4.4	Functional insulation	THE THE STEE STEE	P
B.4.4.1	Short circuit of clearances for functional insulation	The Part of the	Р
B.4.4.2	Short circuit of creepage distances for functional insulation	THE WALLE	N/A
B.4.4.3	Short circuit of functional insulation on coated printed boards	MILIE WILL MILE W	N/A
B.4.5	Short-circuit and interruption of electrodes in tubes and semiconductors	THE WITER WATER WAL	N/A
B.4.6	Short circuit or disconnection of passive components	TEX SLIEN BLIEN MAIN	- P
B.4.7	Continuous operation of components	2 10 10	N/A
B.4.8	Compliance during and after single fault conditions	(See appended table B.4)	P.
B.4.9	Battery charging and discharging under single fault conditions	WATER WATER WATER WA	N/A
С	UV RADIATION		N/A
C.1	Protection of materials in equipment from UV rac	diation (1)	N/A
C.1.2	Requirements	let telt itelt litely	N/A
C.1.3	Test method	The Mary Aug.	N/A
C.2	UV light conditioning test	et tet tet utet	N/A
C.2.1	Test apparatus:	m. m. n.	N/A
C.2.2	Mounting of test samples	THE STEE STEEL STEEL STEEL	N/A
C.2.3	Carbon-arc light-exposure test	11/2 11/2 11/2	N/A
C.2.4	Xenon-arc light-exposure test	TEN TEN STEE STEE	N/A



Reference No.: WTF22D07136335Y Page 21 of 58

Clause	Requirement + Test	Result - Remark	Verdict
D	TEST GENERATORS		N/A
D.1	Impulse test generators		N/A
D.2	Antenna interface test generator		N/A
D.3	Electronic pulse generator		N/A
E	TEST CONDITIONS FOR EQUIPMENT CONTAINI	NG AUDIO AMPLIFIERS	N/A
E.1	Electrical energy source classification for audio signals		N/A
	Maximum non-clipped output power (W):	40, 40, 20, 2, 3	_
WALTE	Rated load impedance (Ω)	LIEF WILL AVILLE WALLE	_
, st	Open-circuit output voltage (V):		_
Way and	Instructional safeguard:	Instructional safeguard is not required.	_
E.2	Audio amplifier normal operating conditions	TER STEET WITE MILE M	N/A
t it	Audio signal source type:	10, 10, 17, 14, 14	_
MUS	Audio output power (W):	NITER MITTER MITTER WILL	_
At .	Audio output voltage (V):	and the set set	_
ang a	Rated load impedance (Ω):	WILL MULL MULL MULL	_
SEE S	Requirements for temperature measurement		N/A
E.3	Audio amplifier abnormal operating conditions	The facility of	N/A
F	EQUIPMENT MARKINGS, INSTRUCTIONS, AND INSTRUCTIONAL SAFEGUARDS		P
F.1	General	at the state of	Р
m.	Language	English	_
F.2	Letter symbols and graphical symbols	at all the other	ďΡ
F.2.1	Letter symbols according to IEC60027-1	Letter symbols for quantities and units are complied with IEC 60027-1.	P
F.2.2	Graphic symbols according to IEC, ISO or manufacturer specific	TER TER STER STER	P
F.3	Equipment markings	Mr. Mr. M. M.	Р
F.3.1	Equipment marking locations	The required marking is located on the product is easily visible.	un P
F.3.2	Equipment identification markings	See copy of marking plate.	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 the following details.	P
F.3.3.1	Equipment with direct connection to mains	white me me me	N/A
F.3.3.2	Equipment without direct connection to mains	at the fifth	Р



Reference No.: WTF22D07136335Y Page 22 of 58

211	EN IEC 62368-1				
Clause	Requirement + Test	Result - Remark	Verdict		
F.3.3.3	Nature of the supply voltage:	The min my man	Р		
F.3.3.4	Rated voltage	5V/9V	ĮΓP		
F.3.3.5	Rated frequency:	5. M. M. M.	N/A		
F.3.3.6	Rated current or rated power	See copy of marking plate.	P		
F.3.3.7	Equipment with multiple supply connections	No multiple supply connection	N/A		
F.3.4	Voltage setting device	No such device	N/A		
F.3.5	Terminals and operating devices	44 24 34	N/A		
F.3.5.1	Mains appliance outlet and socket-outlet markings	No mains appliance outlet	N/A		
F.3.5.2	Switch position identification marking:	No such switch used.	N/A		
F.3.5.3	Replacement fuse identification and rating markings	of the text the	N/A		
71,	Instructional safeguards for neutral fuse:	mur mur mur m	N/A		
F.3.5.4	Replacement battery identification marking:	tex tex street mil	N/A		
F.3.5.5	Neutral conductor terminal	my my my m	N/A		
F.3.5.6	Terminal marking location	TEX THE STEEL WITTER	N/A		
F.3.6	Equipment markings related to equipment classification		N/A		
F.3.6.1	Class I equipment	Class III equipment	N/A		
F.3.6.1.1	Protective earthing conductor terminal:	The little and	N/A		
F.3.6.1.2	Protective bonding conductor terminals	mr. m. m. m.	N/A		
F.3.6.2	Equipment class marking:	TER LIER SLIER SALE	N/A		
F.3.6.3	Functional earthing terminal marking:	my my my	N/A		
F.3.7	Equipment IP rating marking	IPX0	N/A		
F.3.8	External power supply output marking:	See copy of marking plate.	Р		
F.3.9	Durability, legibility and permanence of marking	Marking is considered to be legible and easily discernible. See also the following details.	P.IT		
F.3.10	Test for permanence of markings	The label was subjected to the permanence of marking test. The label was rubbed with cloth soaked with water for 15 sec. And then again for 15 sec, with the cloth soaked with petroleum spirit. After this test there was no damage to the label. The marking on the label did not fade. There was no curling and lifting of the label edge.	P MITEK MITEK MITEK WILLER		
	LEK UTTER MUTER MUTER MUTER MUTE MUTE	After each test, the marking remained legible.	NITER		



Reference No.: WTF22D07136335Y Page 23 of 58

Clause	Requirement + Test	Result - Remark	Verdict
F.4	Instructions	Chill Will A	Р
F.4		10 A 14	2 × ×
Merr W	a) Information prior to installation and initial use	ALTER MILLE MILLE WAS	Р
HITEK WA	b) Equipment for use in locations where children not likely to be present	TER WHITER WALTER WHITE	N/A
	c)	MILIER WALTER WALTER.	N/A
WALTER.	d)Equipment intended for use only in restricted access area	MALTER MALTER MALTER M	N/A
iner in	e)Equipment intended to be fastened in place	LIER WALTER WALTER WALT	N/A
LIE WALT	f)	et writer writer writer	N/A
ek walter	g) Protective earthing used as a safeguard	MITER MITER WAITER	N/A
WILLEK V	h) Protective conductor current exceeding ES2 limits	MILIER MALIER WALTER WA	N/A
ULLER MU	i)	MILIER WHITE	N/A
SEK WALLE	j)	MALIE WALTER	N/A
WALTER	k)Replaceable components or modules providing safeguard function	Whitek Whitek Whitek W	N/A
Mary M	I)Equipment containing insulating liquid	LIE WILLE WILLE WILL	N/A
TILE MUL	m)	TEX WILLER WALTER WILLER	N/A
F.5	Instructional safeguards	of the text of the	N/A
G	COMPONENTS		Р
G.1	Switches	TEX STEX STEX OF	N/A
G.1.1	General	No such switch used.	N/A
G.1.2	Ratings, endurance, spacing, maximum load	TEX LIER NITER WIT	N/A
G.1.3	Test method and compliance	2 My 20 20	N/A
G.2	Relays	EX STER SUITER SOUTH	N/A
G.2.1	Requirements	14 14 14	N/A
G.2.2	Overload test	LIER WILL WILLIAM	N/A
G.2.3	Relay controlling connectors supplying power to other equipment	the text the	N/A



Reference No.: WTF22D07136335Y Page 24 of 58

201	EN IEC 62368-1	and we are	120
Clause	Requirement + Test	Result - Remark	Verdic
G.2.4	Test method and compliance	mer mer mer me	N/A
G.3	Protective devices	THE THE STEE OUT	N/A
G.3.1	Thermal cut-offs	L. M. M. M.	N/A
LITER WALL	Thermal cut-outs separately approved according to IEC 60730 with conditions indicated in a) & b)	TEX WALTER WALTER WALTER.	N/A
ER WALTER	Thermal cut-outs tested as part of the equipment as indicated in c)	TOLITEE WALTER WALTER OU	N/A
G.3.1.2	Test method and compliance	at at all a	N/A
G.3.2	Thermal links	WILL MULL MULL MULL	N/A
G.3.2.1	a) Thermal links tested separately according to IEC 60691 with specifics	LIER WIFER MUTER MUTER	N/A
At A	b) Thermal links tested as part of the equipment		N/A
G.3.2.2	Test method and compliance	ER WILL MULL MALL	N/A
G.3.3	PTC thermistors		N/A
G.3.4	Overcurrent protection devices	MULL MULL MALL WALL WA	N/A
G.3.5	Safeguards components not mentioned in G.3.1 to G.3.4	ALTER MITER WHITE WHITE	N/A
G.3.5.1	Non-resettable devices suitably rated and marking provided	tet Juliet milet	N/A
G.3.5.2	Single faults conditions	(See appended table B.4)	N/A
G.4	Connectors	E LIE GLIFF WIFE W	N/A
G.4.1	Spacings	7/1 /2	N/A
G.4.2	Mains connector configuration:	ALTER MITER WALTE WAL	N/A
G.4.3	Plug is shaped that insertion into mains socket- outlets or appliance coupler is unlikely	THE THE LIFE WITH	N/A
G.5	Wound components	Very Maria Comment	N/A
G.5.1	Wire insulation in wound components	Et liter Nite Miles	N/A
G.5.1.2	Protection against mechanical stress	111, 111, 11	N/A
G.5.2	Endurance test	CLIER WILLER WALTER WA	N/A
G.5.2.1	General test requirements	VII 12 1	N/A
G.5.2.2	Heat run test	CALIFE MALTE MALTE WALL	N/A
All .	Test time (days per cycle):		_
he m	Test temperature (°C)	LIE WALL WALL WALL	2 _
G.5.2.3	Wound components supplied from the mains	a state of	N/A
G.5.2.4	No insulation breakdown	were mer mer n	N/A
G.5.3	Transformers	at at at	N/A
G.5.3.1	Compliance method:	WHILE ALLE ALLE ALLE	N/A
10	Position:	a at at at	N/A

Reference No.: WTF22D07136335Y Page 25 of 58

EN IEC 62368-1				
Clause	Requirement + Test	Result - Remark	Verdict	
2/2	Method of protection	MULL MILL MILL	N/A	
G.5.3.2	Insulation	THE THE LIEF	N/A	
6)	Protection from displacement of windings	to me me		
G.5.3.3	Transformer overload tests	CEP STEP STEEP MY	N/A	
G.5.3.3.1	Test conditions	10, 10, 1,	N/A	
G.5.3.3.2	Winding temperatures	CIER STEE WITE	N/A	
G.5.3.3.3	Winding temperatures - alternative test method	20, 20, 20,	N/A	
G.5.3.4	Transformers using FIW	STEE BUTER WITER	N/A	
G.5.3.4.1	General	311 311 31	N/A	
ives and	FIW wire nominal diameter:	LIER WIFE WALLE W	<u>ر ا</u> ا	
G.5.3.4.2	Transformers with basic insulation only	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	o N/A	
G.5.3.4.3	Transformers with double insulation or reinforced insulation	Murris Murris Murris	N/A	
G.5.3.4.4	Transformers with FIW wound on metal or ferrite core	MILIER MILIER WALTER	N/A	
G.5.3.4.5	Thermal cycling test and compliance	TEX TEX STIET	N/A	
G.5.3.4.6	Partial discharge test	m. My My 3	N/A	
G.5.3.4.7	Routine test	ALL MITE IN	N/A	
G.5.4	Motors	No motor used.	N/A	
G.5.4.1	General requirements	Wille Will Will	N/A	
G.5.4.2	Motor overload test conditions	The state of	N/A	
G.5.4.3	Running overload test	WITE WILL WALL	N/A	
G.5.4.4.2	Locked-rotor overload test	and the set	N/A	
me m	Test duration (days):	SLIFE WALTE WALTE W	N 1	
G.5.4.5	Running overload test for DC motors	1 1 1 1 1 1	N/A	
G.5.4.5.2	Tested in the unit	in which are my	N/A	
G.5.4.5.3	Alternative method	at the state	N/A	
G.5.4.6	Locked-rotor overload test for DC motors	Mr. Mr. Mis	N/A	
G.5.4.6.2	Tested in the unit	et let det	N/A	
70, 2,	Maximum Temperature:	he my me	N/A	
G.5.4.6.3	Alternative method	THE THE LITTER OF	N/A	
G.5.4.7	Motors with capacitors	is my my my	N/A	
G.5.4.8	Three-phase motors	ex itex sites out	N/A	
G.5.4.9	Series motors	m. m. 200	N/A	
MULTER	Operating voltage	LIER ALTER MATER	antii —	
G.6	Wire Insulation	711 711 61	N/A	
G.6.1	General	LIER STEE WITE	N/A	



Reference No.: WTF22D07136335Y Page 26 of 58

30,	EN IEC 62368-1	the way when when	74, 24.
Clause	Requirement + Test	Result - Remark	Verdict
G.6.2	Enamelled winding wire insulation	mil mi mi	N/A
G.7	Mains supply cords	LET THE THE	N/A
G.7.1	General requirements	ave the man	N/A
LIE WILL	Туре:	TEX STEEL STEEL OU	76° J
G.7.2	Cross sectional area (mm² or AWG)	i m m m	N/A
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	et white white white	N/A
G.7.3.2	Cord strain relief	· TEX TEX TEX	N/A
G.7.3.2.1	Requirements	me in in	N/A
NETE SUN	Strain relief test force (N)	TEX STEX SUIEN OF	N/A
G.7.3.2.2	Strain relief mechanism failure	1 2 14 24 2	N/A
G.7.3.2.3	Cord sheath or jacket position, distance (mm):	TEX STEEL WITER WILL	N/A
G.7.3.2.4	Strain relief and cord anchorage material	20, 20,	N/A
G.7.4	Cord Entry	ALTER MALTER MALTER	N/A
G.7.5	Non-detachable cord bend protection	70° 7° 74	N/A
G.7.5.1	Requirements	OLITER WALTER WALTER	N/A
G.7.5.2	Test method and compliance		N/A
Le Mar	Overall diameter or minor overall dimension, <i>D</i> (mm)	A Mari an	~ n —
MULL	Radius of curvature after test (mm)	the alie with white	Mrs -
G.7.6	Supply wiring space	The state of	N/A
G.7.6.1	General requirements	MITE WALTE WALTE	N/A
G.7.6.2	Stranded wire	a at at	N/A
G.7.6.2.1	Requirements	CITE WILL MALL W	N/A
G.7.6.2.2	Test with 8 mm strand		N/A
G.8	Varistors	LIE WILL MUS MUS	N/A
G.8.1	General requirements	at the All	N/A
G.8.2	Safeguards against fire	white mer me	N/A
G.8.2.1	General	et let let	N/A
G.8.2.2	Varistor overload test	me me me	N/A
G.8.2.3	Temporary overvoltage test	LET TEX TEXT	N/A
G.9	Integrated circuit (IC) current limiters	ur my my m	N/A
G.9.1	Requirements	CIF LIEF LIFE CLI	N/A
ماد ا	IC limiter output current (max. 5A)	211- 211- 211	
WILL	Manufacturers' defined drift	t liet aliet alies	WELL -
G.9.2	Test Program	21, 21, 21,	N/A
G.9.3	Compliance	THE STATE STATE	N/A



Reference No.: WTF22D07136335Y Page 27 of 58

EN IEC 62368-1				
Clause	Requirement + Test	Result - Remark	Verdict	
G.10	Resistors	Mill Mr. M. M.	N/A	
G.10.1	General	LET THE THE STEE	N/A	
G.10.2	Conditioning	LE ME ME ME	N/A	
G.10.3	Resistor test	CEX TEX STEEL WITE OF	N/A	
G.10.4	Voltage surge test	The shirt	N/A	
G.10.5	Impulse test	t still other mile whi	N/A	
G.10.6	Overload test	241 241 24	N/A	
G.11	Capacitors and RC units	LIER WITE WILL WHILE	N/A	
G.11.1	General requirements	the contract of	N/A	
G.11.2	Conditioning of capacitors and RC units	LIFET ONLIE WALLE WALLE	N/A	
G.11.3	Rules for selecting capacitors	L A B	N/A	
G.12	Optocouplers	iter antice many many many	N/A	
WILTER	Optocouplers comply with IEC 60747-5-5 with specifics	SLIER WIFER WILLER WALL	N/A	
, jt	Type test voltage V _{ini,a} :	The state of the s		
Mer 4	Routine test voltage, V _{ini, b} :	CLIFE WILL MULT WALL		
G.13	Printed boards	at the	P	
G.13.1	General requirements	Approved Printed board used.	P ₂₀	
G.13.2	Uncoated printed boards	the set of	P.	
G.13.3	Coated printed boards	MULL MULL MULL MU	N/A	
G.13.4	Insulation between conductors on the same inner surface	WIFE WILLER WATER WATER	N/A	
G.13.5	Insulation between conductors on different surfaces	L A A A	N/A	
ang an	Distance through insulation:	Life while while while &	N/A	
THE ST	Number of insulation layers (pcs):	at the fifty		
G.13.6	Tests on coated printed boards	LE MULLI MULL MULL MU	N/A	
G.13.6.1	Sample preparation and preliminary inspection	. Let telt telt it	N/A	
G.13.6.2	Test method and compliance	Mer Aug Aug Aug	N/A	
G.14	Coating on components terminals	all the till out of	N/A	
G.14.1	Requirements:	No coating on component terminals considered to affect creepage or clearances.	N/A	
G.15	Pressurized liquid filled components		N/A	
G.15.1	Requirements	No such device provided within the equipment.	N/A	
G.15.2	Test methods and compliance	TER STER STEE STEE	N/A	
G.15.2.1	Hydrostatic pressure test	24 24 20 20 2	N/A	
G.15.2.2	Creep resistance test	THE THE SITE OF THE	N/A	



Reference No.: WTF22D07136335Y Page 28 of 58

2/1	EN IEC 62368-1	e with the way	ang an
Clause	Requirement + Test	Result - Remark	Verdict
G.15.2.3	Tubing and fittings compatibility test	MULT MULT MILL	N/A
G.15.2.4	Vibration test	TEX TEX TEX	N/A
G.15.2.5	Thermal cycling test	Le Me Me	N/A
G.15.2.6	Force test	SEL SEL STEE NI	N/A
G.15.3	Compliance	1/1 1/1 1/1	N/A
G.16	IC including capacitor discharge function (ICX)	A TIER WITER MATE	N/A
G.16.1	Condition for fault tested is not required	W W	N/A
Mr. A	ICX with associated circuitry tested in equipment	SLIFE MITE WITE	N/A
at .	ICX tested separately	10 T	N/A
G.16.2	Tests	LIER WILL WILL M	N/A
TEX WALTE	Smallest capacitance and smallest resistance specified by ICX manufacturer for impulse test:	at light night init	"h" —
t nitet	Mains voltage that impulses to be superimposed on	THE THE STATE	.sur —
J. H.	Largest capacitance and smallest resistance for ICX tested by itself for 10000 cycles test:	Mus Aug Aug	THE -
G.16.3	Capacitor discharge test	WELL MUEL AMER A	N/A
Н	CRITERIA FOR TELEPHONE RINGING SIGNALS		N/A
H.1	General	2 July 24	N/A
H.2	Method A	The Life	N/A
H.3	Method B	mer me m	N/A
H.3.1	Ringing signal	TEX TEX STEEL	N/A
H.3.1.1	Frequency (Hz)	m m	
H.3.1.2	Voltage (V)	TER STER STEE	11th _
H.3.1.3	Cadence; time (s) and voltage (V)	2011	_
H.3.1.4	Single fault current (mA):	EX SLIET WILL WILL	- Nr.
H.3.2	Tripping device and monitoring voltage		N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage	WALTER WALTER WALTER	N/A
H.3.2.2	Tripping device	JEK SITES BLIEF	N/A
H.3.2.3	Monitoring voltage (V):	11. 24.	N/A
J	INSULATED WINDING WIRES FOR USE WITHOU INSULATION	T INTERLEAVED	N/A
J.1	General	EX LIEX SLIER WLT	N/A
	Winding wire insulation:	Mr. 2012 20	
MALIE	Solid round winding wire, diameter (mm):	LIER OLIER WILLIAM	N/A
CLER	Solid square and rectangular (flatwise bending) winding wire, cross-sectional area (mm²):	A ST ST	N/A



Reference No.: WTF22D07136335Y Page 29 of 58

20/2	EN IEC 62368-1	ite write while war an	. 2n.
Clause	Requirement + Test	Result - Remark	Verdict
J.2/J.3	Tests and Manufacturing	(See separate test report)	
K	SAFETY INTERLOCKS		N/A
K.1	General requirements	the Augustin	N/A
LIE WILL	Instructional safeguard:	LEK LIEK NITER MITER	N/A
K.2	Components of safety interlock safeguard mech	anism	N/A
K.3	Inadvertent change of operating mode	ex alter neiter uniter uni	N/A
K.4	Interlock safeguard override	The American	N/A
K.5	Fail-safe Fail-safe	STEE WITH WITH SUNTY	N/A
K.5.1	Under single fault condition	and the second	N/A
K.6	Mechanically operated safety interlocks	RITER WITE WALL WALL	N/A
K.6.1	Endurance requirement	e at at	N/A
K.6.2	Test method and compliance	the Will Mill Mill M	N/A
K.7	Interlock circuit isolation	e at the the	N/A
K.7.1	Separation distance for contact gaps & interlock circuit elements	MUSTER WALL WALL WALL	N/A
uni v	In circuit connected to mains, separation distance for contact gaps (mm)	Write Multing Mult Mult	N/A
NITE WAY	In circuit isolated from mains, separation distance for contact gaps (mm):	Martin Marin A	N/A
MULTE	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)	at the file of	N/A
K.7.3	Endurance test	WILL WILL WAY WAY	N/A
K.7.4	Electric strength test	at let tet stet	N/A
Γ ₁	DISCONNECT DEVICES	West Mes Mes Mes	N/A
L.1 (1	General requirements	et tet itet itet i	N/A
L.2	Permanently connected equipment	They we my	N/A
L.3	Parts that remain energized	o- Tex Jex Street and	N/A
L.4	Single-phase equipment	my my my	N/A
L.5	Three-phase equipment	TEX LIEX NUTER WITE	N/A
L.6	Switches as disconnect devices	m. m. m.	N/A
L.7	Plugs as disconnect devices	TER LIFE OUTE WITE	N/A
L.8	Multiple power sources	20, 20, 3	N/A
MULL	Instructional safeguard:	A WILL WILL MALLE WALLE	N/A
M	EQUIPMENT CONTAINING BATTERIES AND THE	EIR PROTECTION CIRCUITS	N/A
M.1	General requirements	CLIEB WILLE WALL WALL	N/A
M.2	Safety of batteries and their cells		N/A



Reference No.: WTF22D07136335Y Page 30 of 58

	EN IEC 62368-1		
Clause	Requirement + Test Requirement	esult - Remark	Verdict
M.2.1	Batteries and their cells comply with relevant IEC standards	NITE WITH WITH THE	N/A
M.3	Protection circuits for batteries provided within the equipment	in with the min	N/A
M.3.1	Requirements	MITE WALL WHILL WI	N/A
M.3.2	Test method	a de de	N/A
27/2	Overcharging of a rechargeable battery	WILL MULT MULT MULT	N/A
TEX	Excessive discharging	at at alt all	N/A
The 1	Unintentional charging of a non-rechargeable battery	itt mit mit mit	N/A
wer an	Reverse charging of a rechargeable battery	EL WILL WILL AND A	N/A
M.3.3	Compliance		N/A
M.4	Additional safeguards for equipment containing a p battery	ortable secondary lithium	N/A
M.4.1	General	LIEF RIFE WIFE WILL	N/A
M.4.2	Charging safeguards	or the state	N/A
M.4.2.1	Requirements	TER OLIER WILL WALL	N/A
M.4.2.2	Compliance		N/A
M.4.3	Fire enclosure	Mrite War, M	N/A
M.4.4	Drop test of equipment containing a secondary lithium battery	The BUTH WIFE	N/A
M.4.4.2	Preparation and procedure for the drop test	Mr. Jan. J. J.	N/A
M.4.4.3	Drop, Voltage on reference and dropped batteries (V); voltage difference during 24 h period (%)::	NITER WALTER WALLE WALL	N/A
M.4.4.4	Check of the charge/discharge function	Et JEY NIE MIE	N/A
M.4.4.5	Charge / discharge cycle test	24, 25, 24	N/A
M.4.4.6	Compliance	LIER OLIER WITE W	N/A
M.5	Risk of burn due to short-circuit during carrying	111. 12. 12.	N/A
M.5.1	Requirement	alier alier antic wall	N/A
M.5.2	Test method and compliance	in the set	N/A
M.6	Safeguards against short-circuits	LIER WILL WILL MILL	N/A
M.6.1	External and internal faults	· · · · · · · · · · · · · · · · · · ·	N/A
M.6.2	Compliance	in white white white a	N/A
M.7	Risk of explosion from lead acid and NiCd batteries	A A A	N/A
M.7.1	Ventilation preventing explosive gas concentration	WILL MALL MAL MAN	N/A
t Tex	Calculated hydrogen generation rate:	at at at a	N/A
M.7.2	Test method and compliance	With My My My	N/A
A CONTRACT	Minimum air flow rate, Q (m ³ /h):	a st set set	N/A



Reference No.: WTF22D07136335Y Page 31 of 58

	EN IEC 62368-1			
Clause	Requirement + Test Result - Remark	Verdict		
M.7.3	Ventilation tests	N/A		
M.7.3.1	General	N/A		
M.7.3.2	Ventilation test – alternative 1	N/A		
LIFE WILL	Hydrogen gas concentration (%):	N/A		
M.7.3.3	Ventilation test – alternative 2	N/A		
MILL	Obtained hydrogen generation rate:	N/A		
M.7.3.4	Ventilation test – alternative 3	N/A		
111 1	Hydrogen gas concentration (%):	N/A		
M.7.4	Marking	N/A		
M.8	Protection against internal ignition from external spark sources of batteries with aqueous electrolyte	N/A		
M.8.1	General	N/A		
M.8.2	Test method	N/A		
M.8.2.1	General	N/A		
M.8.2.2	Estimation of hypothetical volume V_Z (m³/s):	L -		
M.8.2.3	Correction factors:	ani-		
M.8.2.4	Calculation of distance d (mm)	TEX.		
M.9	Preventing electrolyte spillage			
M.9.1	Protection from electrolyte spillage	N/A		
M.9.2	Tray for preventing electrolyte spillage	N/A		
M.10	Instructions to prevent reasonably foreseeable misuse	N/A		
(Et	Instructional safeguard:	N/A		
N SII	ELECTROCHEMICAL POTENTIALS	N/A		
TEX J	Material(s) used	JEK-N		
0	MEASUREMENT OF CREEPAGE DISTANCES AND CLEARANCES	N/A		
Et STEE	Value of <i>X</i> (mm)	71. 1		
Р	SAFEGUARDS AGAINST CONDUCTIVE OBJECTS	N/A		
P.1	General And	N/A		
P.2	Safeguards against entry or consequences of entry of a foreign object	N/A		
P.2.1	General Control of the Control of th	N/A		
P.2.2	Safeguards against entry of a foreign object	N/A		
The WALTE	Location and Dimensions (mm):	11 245		
P.2.3	Safeguards against the consequences of entry of a foreign object	N/A		
P.2.3.1	Safeguard requirements	N/A		



Reference No.: WTF22D07136335Y Page 32 of 58

	EN IEC 62368-1	in the time of the	
Clause	Requirement + Test	Result - Remark	Verdic
TEX	The ES3 and PS3 keep-out volume in Figure P.3 not applicable to transportable equipment	who we all the	N/A
m, n	Transportable equipment with metalized plastic parts	antity with white white	N/A
P.2.3.2	Consequence of entry test	VIEW WITE WILL MALL	N/A
P.3	Safeguards against spillage of internal liquids	a state	N/A
P.3.1	General	E WILL WILL MUST AN	N/A
P.3.2	Determination of spillage consequences	at at at a	N/A
P.3.3	Spillage safeguards	WILL MILL AND AND	N/A
P.3.4	Compliance	A A A A A	N/A
P.4	Metallized coatings and adhesives securing part	sir mir mar mar	N/A
P.4.1	General	at all all the	N/A
P.4.2	Tests	The Mr. Mr. M.	N/A
J. CLIER	Conditioning, T _C (°C)	y let let litt il	New Tree
-4,	Duration (weeks)	The Mr Mr M	
Q	CIRCUITS INTENDED FOR INTERCONNECTION	WITH BUILDING WIRING	Р
Q.1	Limited power sources	(See appended table Q.1)	Р
Q.1.1	Requirements	AF SALIE MITE	P
st si	a) Inherently limited output	7 7 7 7	N/A
MILL	b) Impedance limited output	The sale wall wall and	Р
t et	c) Regulating network limited output	24 2 A	N/A
Mur.	d) Overcurrent protective device limited output	WITE WALTER WALTE WALTE	N/A
, Et	e) IC current limiter complying with G.9	all the care	N/A
Q.1.2	Test method and compliance	CLIFE WILL WALL MAN	N/A
LIEK WALT	Current rating of overcurrent protective device (A)	Et stet with writer	N/A
Q.2	Test for external circuits – paired conductor cable	e Tex lifet outer in	N/A
	Maximum output current (A)	The An In	N/A
WILL A	Current limiting method	TER SITER BLIEF MILE	MET
R	LIMITED SHORT CIRCUIT TEST	Mr. Mr. Mr.	N/A
R.1	General	TEX NITER MITE MAIL	N/A
R.2	Test setup	The state of	N/A
. Mrs.	Overcurrent protective device for test	rik niter miter mair w	1 <u>11/1</u>
R.3	Test method		N/A
2712	Cord/cable used for test:	MILE WHILE WHILE AND	21/2
R.4	Compliance		N/A



Reference No.: WTF22D07136335Y Page 33 of 58

. aus	EN IEC 62368-1	EL WILL MULL AND AND AND	in all
Clause	Requirement + Test	Result - Remark	Verdict
S	TESTS FOR RESISTANCE TO HEAT AND FIRE	Mure Min Min Man	N/A
S.1	Flammability test for fire enclosures and fire barr where the steady state power does not exceed 4		N/A
TEK N	Samples, material	at at let liet	121 EN
20	Wall thickness (mm):	The The Me a	
EK MITE	Conditioning (°C)	- TEK TEK STEEN ON	Ser Milita
- Little	Test flame according to IEC 60695-11-5 with conditions as set out	the tot let it	N/A
211-	- Material not consumed completely	MULL MAL MAL MA	N/A
alifett in	- Material extinguishes within 30s	at let get get	N/A
n. 2.	- No burning of layer or wrapping tissue	ir mer me m	N/A
S.2	Flammability test for fire enclosure and fire barrie	er integrity	N/A
	Samples, material:	The Mr. M. A.	یر – پر
WILLE	Wall thickness (mm):	TER STEE STEEL STEEL STEEL	No.
, t	Conditioning (°C)	the the total	
S.3	Flammability test for the bottom of a fire enclosu	re tel till mile will	N/A
S.3.1	Mounting of samples		N/A
S.3.2	Test method and compliance	White white	N/A
et d	Mounting of samples:	The set	16th - 15th
2/2	Wall thickness (mm):	MILL MILL MILL MILL MILL	7/1
S.4	Flammability classification of materials	at at let de	N/A
S.5	Flammability test for fire enclosures and fire barr where the steady state power exceeding 4 000 W	AND THE STATE OF T	N/A
Mr. 11	Samples, material	LITER MILIE WALL WALL	111, - 1
All S	Wall thickness (mm):	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEK-
21/2	Conditioning (°C):	in with mir me of	1 10
T 118	MECHANICAL STRENGTH TESTS	t at let telt of	P.C
T.1	General	They were the the	Р
T.2	Steady force test, 10 N:	LEK LEK LIEK NITE	N/A
T.3	Steady force test, 30 N:	no me me	N/A
T.4	Steady force test, 100 N:	TEX STEX STEX NITER	N/A
T.5	Steady force test, 250 N:	(See appended table T.5)	Р
T.6	Enclosure impact test	(See appended table T.6)	Bu
4 2+	Fall test	7/1. 2/1 A.	P
Miller	Swing test	ALTER WALTER WALTER WALTER	υР
T.7	Drop test:	Si Si Si	N/A
T.8	Stress relief test	(See appended table T.8)	P 4



Reference No.: WTF22D07136335Y Page 34 of 58

2/L	EN IEC 62368-1	ite with any war	an
Clause	Requirement + Test	Result - Remark	Verdict
T.9	Glass Impact Test	MULL MULL MILL MAN	N/A
T.10	Glass fragmentation test	THE STEP STEP WITE	N/A
- L	Number of particles counted:	The many the second	N/A
T.11	Test for telescoping or rod antennas	THE STEE STEE SHIPE SHIPE	N/A
et et	Torque value (Nm)		N/A
U JULI	MECHANICAL STRENGTH OF CATHODE RAY T PROTECTION AGAINST THE EFFECTS OF IMPL		N/A
U.1	General	t lifet nifet milet nhife	N/A
*	Instructional safeguard :	She was the state of the state	N/A
U.2	Test method and compliance for non-intrinsicall	y protected CRTs	N/A
U.3	Protective screen	the the	N/A
A me	DETERMINATION OF ACCESSIBLE PARTS	LIFE WILL WILL ME MY	N/A
V.1	Accessible parts of equipment	e at at at a	N/A
V.1.1	General	E WILL MULL AND MULL	N/A
V.1.2	Surfaces and openings tested with jointed test probes	SLIER SLIER MILER MILIER	N/A
V.1.3	Openings tested with straight unjointed test probes		N/A
V.1.4	Plugs, jacks, connectors tested with blunt probe	White wat w	N/A
V.1.5	Slot openings tested with wedge probe		N/A
V.1.6	Terminals tested with rigid test wire	II MALIE WALL WALL WALL WAS	N/A
V.2	Accessible part criterion	e state of	N/A
X office and	ALTERNATIVE METHOD FOR DETERMINING CL IN CIRCUITS CONNECTED TO AN AC MAINS NO (300 V RMS)		N/A
2v	Clearance	(See appended table X)	N/A
Y will	CONSTRUCTION REQUIREMENTS FOR OUTDO	OR ENCLOSURES	N/A
Y.1	General At A Company of the Company	1 m m m	N/A
Y.2	Resistance to UV radiation	E STER WITE WITE WITE WALL	N/A
Y.3	Resistance to corrosion	The state of	N/A
Y.3	Resistance to corrosion	CITED MITE WALL WALL	N/A
Y.3.1	Metallic parts of outdoor enclosures are resistant to effects of water-borne contaminants by		N/A
Y.3.2	Test apparatus	M. M. M. A.	N/A
Y.3.3	Water – saturated sulphur dioxide atmosphere	THE STEE WITE MATERIAL	N/A
Y.3.4	Test procedure	20 2 A A	N/A
Y.3.5	Compliance	ALTER INTER MALL WALL	N/A
Y.4	Gaskets	and the set	N/A
Y.4.1	General	alter with and whi	N/A



Reference No.: WTF22D07136335Y Page 35 of 58

	EN IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict	
Y.4.2	Gasket tests	Muse Mais Miles	N/A	
Y.4.3	Tensile strength and elongation tests	THE THE LIEF	N/A	
T-	Alternative test methods	the the ship	N/A	
Y.4.4	Compression test	THE LITTER STITLE STATE	N/A	
Y.4.5	Oil resistance	111 111 111	N/A	
Y.4.6	Securing means	e aliek miter unite	N/A	
Y.5	Result - Remark Gasket tests Tensile strength and elongation tests Alternative test methods	N/A		
Y.5.1	General	ALTER WITE MALLE	N/A	
Y.5.2	Protection from moisture	'm' a t	N/A	
ine, in	Relevant tests of IEC 60529 or Y.5.3	WILLER WALLE WALLE WE	N/A	
Y.5.3	Water spray test	a state of	N/A	
Y.5.4	Protection from plants and vermin	TEL WALL WALL MAL	N/A	
Y.5.5	Protection from excessive dust	a at at let	N/A	
Y.5.5.1	General	white with whi	N/A	
Y.5.5.2	IP5X equipment	et let let	N/A	
Y.5.5.3	IP6X equipment	Mr. Mr. Aug. A	N/A	
Y.6	Mechanical strength of enclosures			
Y.6.1	General	2 10 20	N/A	
Y.6.2	Impact test	The state of the	N/A	



Reference No.: WTF22D07136335Y Page 36 of 58

c	EN IEC 62368-1					
	Clause	Requirement + Test	Whi. Mr.	Result - Remark	- et-	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_1B_II

Attachment Originator Nemko AS

Master Attachment Date 2017-09-22

Copyright © 2017 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.

	CENELEC C	COMMON MOI	DIFICATIO	NS (EN)		
ex unitex		oclauses, notes 62368-1:2014		ures and annexed "Z".	es which are a	additional to
CONTENT	Add the follo	wing annexes:	LIE!	White Mur	The m	70
S LIE W	Annex ZA (normative) Normative references to international publications with their corresponding European publications					
	Annex ZB (normative) Special national conditions					
	Annex ZC (ir	nformative)	A-deviat	ions		
	Annex ZD (ir	Annex ZD (informative) IEC and CENELEC code designations for flexible cords				
t with		e "country" note the following lis		erence documer	nt (IEC 62368	-1:2014)
	0.2.1	Note	1	Note 3	4.1.15	Note
	4.7.3	Note 1 and 2	5.2.2.2	Note	5.4.2.3.2.2 Table 13	Note c
	5.4.2.3.2.4	Note 1 and 3	5.4.2.5	Note 2	5.4.5.1	Note
	5.5.2.1	Note	5.5.6	Note	5.6.4.2.1	Note 2 and 3
	5.7.5	Note	5.7.6.1	Note 1 and 2	10.2.1 Table 39	Note 2, 3 and 4
	10.5.3	Note 2	10.6.2.1	Note 3	F.3.3.6	Note 3
We The	For special national conditions, see Annex ZB.					
1 .01	- C C	```` ;;*````\	3, -,2, .	ر ای ای	y 16*	The Title
e whitek	Add the following note: NOTE Z1 The use of certain substances in electrical and electronic equipment is restricted within the EU: see Directive 2011/65/EU.					



Reference No.: WTF22D07136335Y Page 37 of 58

	EN IEC 62368	3-1 the street of the state of	
Clause	Requirement + Test	Result - Remark	Verdict
4.Z1	Add the following new subclause after 4.9: 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):	THE WALTER WALTER WALTER	N/A
	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;	united united white united	ex mit ix mores
	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;	et whitet whitet whitet	WITER MITER
	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.	NUTEK WHITEK WHITEK WHITE TEK	TEX WATER WALTER
	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 white w	whe while whi
5.4.2.3.2.4	Add the following to the end of this subclause: The requirement for interconnection with external circuit is in addition given in EN 50491-3:2009.	EX MILEX MULTER MULTER	N/A
10.2.1	Add the following to ^{c)} and ^{d)} in table 39: For additional requirements, see 10.5.1.	White white white	N/A



Reference No.: WTF22D07136335Y Page 38 of 58

	EN IEC 62368	3-1 Title Mile Marie W	
Clause	Requirement + Test	Result - Remark	Verdict
10.5.1	Add the following after the first paragraph: For RS 1 compliance is checked by measurement under the following conditions:	HER WILL WATER WILLER	N/A
	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 presets 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.	unties unties unties un	unitek unitek uni itek un tek uni ek initek
	NOTE Z1 Soldered joints and paint lockings are examples of adequate locking.	in the the th	THE THE
	The dose-rate is determined by means of a radiation monitor with an effective area of 10 cm², at any point 10 cm from the outer surface of the apparatus.	atter mitter unite	Witek Miles A
	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.	Mitely whitely whitely and	TEK WAS EK WALTE
	For RS1, the dose-rate shall not exceed 1 µSv/h taking account of the background level.	THE WALL WALL THE	THE TIEF
	NOTE Z2 These values appear in Directive 96/29/Euratom of 13 May 1996.	The first	Mar Mar 1
10.6.1	Add the following paragraph to the end of the subclause:	MILIE WHITE WHITE W	N/A
	EN 71-1:2011, 4.20 and the related tests methods and measurement distances apply.	LIEK MLIEK MILIEK MILI	EX WILLE
10.Z1	Add the following new subclause after 10.6.5.	, L ,X	N/A
	10.Z1 Non-ionizing radiation from radio frequencies in the range 0 to 300 GHz	EX MULTER MULTER MULTER	Mury Mur.
	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).	Whitek whitek whitek wh	Inter White wh
	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 hand-held and body-mounted devices, attention is drawn to EN 50360 and EN 50566	TEX WILLEX WILLEX WILLEY WILLEX WILLEX	whitek whitek w
G.7.1	Add the following note:	WHITE WHITE WILL W	N/A
	NOTE Z1 The harmonized code designations corresponding to the IEC cord types are given in Annex ZD.	SLIER WILLER WALLER	EX MILE WILLE



Reference No.: WTF22D07136335Y Page 39 of 58

Zh.	EN IEC 6236	8-1	ar. ar.		
Clause	Requirement + Test	Result - Remark	Verdict		
Bibliograph y	Add the following standards: Add the following notes for the standards indicated: IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as EN 60309-1. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61558-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-4 NOTE Harmonized as EN 61558-2-4. IEC 61643-1 NOTE Harmonized as EN 61643-1. IEC 61643-21 NOTE Harmonized as EN 61643-21. IEC 61643-311 NOTE Harmonized as EN 61643-311. IEC 61643-321 NOTE Harmonized as EN 61643-321.				
TEX ST	IEC 61643-331 NOTE Harmonized as EN 61643-331.				
ZB	ANNEX ZB, SPECIAL NATIONAL CONDITION	DNS (EN)	2, -		
4.1.15 JEE MILIER MILIER MILIER M	Denmark, Finland, Norway and Sweden To the end of the subclause the following is added: Class I pluggable equipment type A intended for connection to other equipment or a network 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: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord." In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag"	JUNE WALTER WALT	IN N/A		



Reference No.: WTF22D07136335Y Page 40 of 58

	EN IEC 62368-1					
Clause	Requirement + Test	Result - Remark	Verdict			
4.7.3	United Kingdom	HILL MILL MILL MILL	N/A			
	To the end of the subclause the following is added:	TEX SLIEX WITER WHITE	WALTER WALTER W			
	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	WHITEK WALTER WALTER	united united unit			
5.2.2.2	Denmark	LITER SELTER SPLIE SH	N/A			
	After the 2nd paragraph add the following:	m m	L A LET			
	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.	THE WALTER WALTER WALT	Aurit Aurit			

MANA LIETE E



Reference No.: WTF22D07136335Y Page 41 of 58

" alus	EN IEC 62368	3-1 STEEL OUTER WALL WHILE	
Clause	Requirement + Test	Result - Remark	Verdict
5.4.11.1 and Annex G	Finland and Sweden To the end of the subclause the following is added:	HER THE WILL WILL WILLIAM	N/A
	For separation of the telecommunication network from earth the following is applicable: If this insulation is solid, including insulation forming part of a component, it shall at least consist of either	Whitek whitek whitek whi	EK JULIEK OUN
	two layers of thin sheet material, each of which shall pass the electric strength test below, or	riet wiet wites wries	MULTER MALTER
	• one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	et united whitek whitek wh	UNLIEK W
	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 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	MALIER WALTER WALTER WALTER	ON TEX WATER
	• 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), and	the state of the s	Maries on
	• is subject to routine testing for electric strength during manufacturing, using a test voltage of 1,5kV.	white whit with white	W. WITER
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	ex lex ries will a	on whitek
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	THE WIFE MILES WILL	ex unitex and
	• the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 60384-14, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in 5.4.11;	unifek unifek unifek unifek	MULTER MULTER
	• the additional testing shall be performed on all the test specimens as described in EN 60384- 14;	A LER STER WITH	TEX WUITER W
	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.	while multer while while	y lifet uni



Reference No.: WTF22D07136335Y Page 42 of 58

	EN IEC 62368	3-1 Life and and	
Clause	Requirement + Test	Result - Remark	Verdict
5.5.2.1	Norway After the 3rd paragraph the following is added: Due to the IT power system used, capacitors are required to be rated for the applicable line-to-line voltage (230 V).	THE WALLER WALLER	N/A
5.5.6	Finland, Norway and Sweden To the end of the subclause the following is added: 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.	untitet whitet whitet whitet	N/A
5.6.1	Denmark Add to the end of the subclause Due to many existing installations where the socket-outlets can be protected with fuses with 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: In Denmark an existing 13 A socket outlet can be protected by a 20 A fuse.	Whitek wh	SEE
5.6.4.2.1	Ireland and United Kingdom 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.	White white white white	N/A
5.6.5.1	To the second paragraph the following is added: 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 mm² to 1,5 mm² in cross-sectional area.	EX WHITEX	N/A
	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.	TEK MUTEK MUTEK MUTEK	N/A



Reference No.: WTF22D07136335Y Page 43 of 58

" Wer	EN IEC 6236	8-1	
Clause	Requirement + Test	Result - Remark	Verdict
Clause of the control		Result - Remark	Verdict N/A N/A N/A N/A N/A N/A N/A N/
	nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et koaksialbasert kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av apparater til kabel-TV nett installeres en galvanisk isolator mellom	Writek Muritek Muritek Mu	TIEK MUTER MUTER
	apparatet og kabel-TV nettet." Translation to Swedish: "Apparater som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk för brand. För att undvika detta skall vid anslutning av apparaten till kabel-TV nät galvanisk isolator finnas mellan apparaten och kabel-TV nätet.".	A Whitek whitek whitek w	WALTER WALTER WALTER



Reference No.: WTF22D07136335Y Page 44 of 58

	EN IEC 62368	3-1 ALTER MITE WALL WALL	
Clause	Requirement + Test	Result - Remark	Verdict
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 WALTEST WALTEST WASTEST OF	N/A
B.3.1 and B.4	Ireland and United Kingdom The following is applicable: 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	Whitek wh	N/A N/A N/A N/A N/A N/A N/A N/A
G.4.2 Whitek white Whitek wh	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. CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against 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.	JEK WHITEK	N/A INTER INTE
	If a single-phase equipment having a RATED CURRENT exceeding 13 A or if a poly-phase 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. 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. Other current rating socket outlets shall be in compliance with Standard Sheet DKA 1-3a or DKA 1-1c. 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 Justification: Heavy Current Regulations, Section 6c	While	TEK JALIEK WALTER WALTER WALTER WALTER WALTER WALTER WALTER WALTER WALTER



Reference No.: WTF22D07136335Y Page 45 of 58

	EN IEC 62368	3-1 The mark mark and	
Clause	Requirement + Test	Result - Remark	Verdict
G.4.2	United Kingdom To the end of the subclause the following is added: 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.	THE WALTER WALT WALTER WALTER WALTER WALTER WALTER WALTER WALTER WALTER WALTER	N/A
G.7.1	United Kingdom To the first paragraph the following is added: 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. NOTE "Standard plug" is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.	TEE WHITEE WHITE	N/A
G.7.1	Ireland To the first paragraph the following is added: 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	ANTIE WHITE WHITEK WHITEK	N/A
G.7.2	Ireland and United Kingdom To the first paragraph the following is added: A power supply cord with a conductor of 1,25 mm² is allowed for equipment which is rated over 10 A and up to and including 13 A.	MILER MULTER MULTER WAS	N/A



Reference No.: WTF22D07136335Y Page 46 of 58

	EN IEC 62368	3-1 the street of the	
Clause	Requirement + Test	Result - Remark	Verdict
ZC	ANNEX ZC, NATIONAL DEVIATIONS (EN)	MILL MULL MULL MILL	141 11 11 11 11 11 11 11 11 11 11 11 11
10.5.2	Germany	at at the the	N/A
	The following requirement applies:	it with mut must	40.
	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.	antiek whitek whitek wh	NITER WILLER WINLT
	Justification:	TEX LIEX SLIEN MLTE	WILL MILL
	German ministerial decree against ionizing radiation (Röntgenverordnung), in force since 2002-07-01, implementing the European Directive 96/29/EURATOM.	set whilet whilet whilet.	MATER WALTER
	NOTE Contact address:	a de de	TEX TEXT
	Physikalisch-Technische Bundesanstalt, Bundesallee 100,	MULTER MULTE MULL M	st
	D-38116 Braunschweig,	TEX TEX STEX OUT	E. Mile Mili
	Tel.: Int +49-531-592-6320,	mer and any an	3" 1
	Internet: http://www.ptb.de	A A A A	TE LIE

Reference No.: WTF22D07136335Y Page 47 of 58

TIE WITTE	May my my	EN IEC 62368	-1 Life Miles Marie	White Wh	Murra
Clause	Requirement + Test	VILL MULL AND	Result - Remark	at a	Verdict

5.2	TABLE: Classification	on of electrical en	ergy sou	rces		et let	Р
Supply Voltage	Location (e.g. Test conditions circuit designation)	Test conditions	est conditions Paramet				ES
voltage		U (V)	I (mA)	Type ¹⁾	Additional Info ²⁾	Class	
5VDC Input circuit	Will Will All	Normal	5.12V	_ 	LEK JEK	DC	11/1/16
	Abnormal:	Will a	1 ₁₇₂ 211	- OTL	14, 14,	ES1	
White M	input circuit	Single fault – SC/OC:	LIEK-	IEK UNITY	y water w	NITER VINITER	ALTE
JEK NI	ER WILL MILL W	Normal	9.12V	,+	.	DC	STEEL ST
9VDC	Input circuit	Abnormal:	11/1/E	WILL TO	mr m	111 211	ES1
SEK ON LIE	Will Mill My	Single fault – SC/OC:	LITEX	KILLER S	NITEK - NITE	WALLE WALL	- JUNE
- CE	ALTER MITER MITE	Normal	5.0V	, <u> </u>	* - ot	DC	ES1
5VDC	Wireless output	Abnormal:	4.58V	Lie - Wi	Wall.	DC	
MUZEK MU	TE WALLS WALL	Single fault – SC/OC:	16th	et - lie	L WITH M	TEK MATER A	LIFE V
at A		Normal	9.0V		1	DC	et ,
9VDC	Wireless output	Abnormal	8.29V		- Will	DC	ES1
ek waliek	un un and	Single fault – SC/OC:	- Alle	100		SINLTEK SUNLTE	
at at the	TEX TEX STEE	Normal	5.12V	n - an	7	DC	ZEY
9VDC	USB output	Abnormal	4.53V	56th	in the	DC	ES1
INLITER MAL	TEX WALTER WALTER	Single fault – SC/OC:		F	TEP AS	TEK TEK	TEX

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.

5.4.1.8	TABLE: Working voltage measurement						
Location		RMS voltage (V)	Peak voltage (V)	Frequency (Hz)	Comments		
JEP S	TER WITE WILL WILL	111 111		t # 3	the little of the little		
1. 1s.	at at all	LIFE OLIFE	WILL WILL	ang - ang	24, 25, 27,		
Supplemen	tary information:	20, 20	* *	LEF LEF	LIER ALIER MAL		

5.4.1.10.2 TABLE: Vicat softening temperature of thermoplastics							
Method: ISO 306 / B50							
Object/ Part No./Material	Manufacturer/trademark	Thickness (mm)	T softer	ning (°C)			



Reference No.: WTF22D07136335Y Page 48 of 58

Mur	The M	EN IEC	62368-1	in mer mer
Clause	Requirement +	Test	Result - Remark	Verdict
Me	71, 20,	a state	LIER OLIER WALTER WALL WAL	me m.
JE*	LIFE OLIFER W	The water and	" " " " " " " " " " " " " " " " " " "	TEN TEN
7/2 1/	20 2	s - s st st	t mile mile with me	20, 20, 20
Suppleme	ntary information:	MILL AND AND	a state of	TEK STEK OUT

5.4.1.10.3	5.4.1.10.3 TABLE: Ball pressure test of thermoplastics						
Allowed imp	oression diameter (mm)	:	≤ 2 m	m Ans Ans	10,	_
Object/Part	No./Material	Manufacturer/trademark	Thickness (mm)		Test temperature (°C)	Impression diameter (mm)	
JEH	IER WITE WALL	Mur. Aller An	- L	*	10th 10th	35 Ext	STEE IS
11. 14.	- A	LEK THE CLIFE	write wil	, T	16. The 11		in 2,
Supplement	tary information:	Mr. Mr. M.		J.	LEK LEK J	C. C.	LIER MLI

5.4.2, 5.4.3 TABLE: N	5.4.2, 5.4.3 TABLE: Minimum Clearances/Creepage distance							
Clearance (cl) and creepage distance (cr) at/of/between:	U _p (V)	U _{rms} (V)	Freq 1) (Hz)	Required cl (mm)	cl (mm)	E.S. ²⁾ (V)	Required cr (mm)	cr (mm)
- 1 A A	NOTE:	10 m	4,00	115	1. 20.	, - ,	,+	

Supplementary information:

- 1) Only for frequency above 30 kHz
- 2) Complete Electric Strength voltage (E.S. (V) when 5.4.2.4 applied)

5.4.4.2	4.2 TABLE: Minimum distance through insulation							
Distance thro (DTI) at/of	ugh insulation	Peak voltage (V)	Insulation	Required DTI (mm)	Measured DTI (mm)			
-NITE MALTE	while with	Mr. 1-	- At At .	CENT STEP IN	TER WATER WA			

Supplementary information:

5.4.4.9 TABLE: Solid insulation at frequencies >30 kHz							N/A
Insulation n	naterial	E_{P}	Frequency (kHz)	K _R	Thickness d (mm)	Insulation	V _{PW} (Vpk)
- 10		et - Tet	INLIER MA	il with	mrmr	74 - 7	7-3

Supplementary information:

5.4.9	TABLE: Electric strength tests			N/A
Test volt	age applied between:	Voltage shape	Test voltage (V)	Breakdown
		(Surge, Impulse, AC, DC, etc.)		Yes / No
- 20	A TEST OF	JEH RITE MITE N	The Meridian	1/2 - 1/4
<u> </u>	ALTER MITE MILL WITH WITH	70 7	at the left	JE - JE
Supplem	entary information:	A STEE WIFE WILL	when were	211 - 211



Reference I	No.: WTF2	2D07136335\	Y	Page 49	of 58						
Much	Mr.	10, 20,		EN IEC 62	2368-1	Er.	LIE MALT	WILL	2h	in all	
Clause	Requirer	nent + Test	MITE	COLUMN TON	Resu	ılt - Re	mark	J.	. ,	Verdict	
This .	211 211		٠. ـ	A 5	THE WILL	الالتا	and the	MLC	Me	an	
5.5.2.2	TABLE:	Stored disch	arge o	n capacitors	10,	-3"		J+	Alt.	N/A	
Location Supply voltage		ige (V)	Operating as conditio	nd fault n 1)	Swi posi		/leasure voltage (Vpk)		ES Class		
- 4		18t .7E	کل:	E RLIFE - N	Vr. DV	اف	D. 191	-20.	,	ر	
☐ bleedin	rs installed g resistor r	I for testing: ating:	., norm	al operation, c	or open fu	se), S(C= short cir	cuit, OC	€= ope	n circuit	
<u> </u>			,	CEL STEE	اله سنتاس	<u> </u>	mr. m	211		25. 2.	
5.6.6	TABLE:	Resistance o	f prote	ective conduc	tors and t	ermin	ations	et s	Eth.	N/A	
Location		Te	est current (A)	Dura (mi			ge drop (V)	R	esistance (Ω)		
- 1/11 1/11				-e* -si	EF WITE	mite with w		mr mr mr.		20,	
Supplemen	ntary inform	ation:	N	27/2			- st	Z EX	TEN.	TER	
11/2 2/			٠	at state	مال	No. Comment	ي شمالي	12, 1	11.	14,	
5.7.4	TABLE:	Unearthed ac	cessil	ole parts				t	15th	N/A	
Location		Operating and fault conditions		Supply		F	Parameters			ES class	
		rault conditio	ons	Voltage (V)	Voltage (V _{rms} or V _{pk})				Freq. (Hz)	eq.	
- +	TEX	TEK REFER	MITTER	Mr. Mu	20,-	20,		1		y	
Supplemer Abbreviation	•	nation: ort circuit; OC	= oper	circuit	VINLTER	WILLE	White	Murr	MUC.	TEX.	
5.7.5	TABLE:	Earthed acce	essible	e conductive	part	Vie.	الق شاعل	70, 11	<u> </u>	N/A	
Supply volt	age (V)			in the	20, 2			£ .	et.	—	
Phase(s) .			.: [Single Phase	; [] Three	Phase	e: [] Delta	[] Wye	<i></i>		
Power Dist	ribution Sy	stem	100]TN []TT			- 16	t d		
Location				ault Condition		Tou	uch current (mA)		Comn	nent	
-211, 21	in the	10, 1		et tet	- Cler	(JE)	TALLE .	, L.	eller.	41/2	
Supplemen	ntary Inforn	nation:	J. C. J.	ing mi	m.	24		- A-	<i>></i> +	LEX-	
5.8	TABLE:	Backfeed sa	feguar	d in battery b	acked up	supp	lies	ir, al	Ý,	N/A	
Location		Supply voltage (V)		ating and fault	Time (s		pen-circuit oltage (V)	Tou		ES Class	
t	, et	CEL CEL	all Little	are w	777	20,				~ _*	



Reference No.: WTF22D07136335Y Page 50 of 58

Š	EN IEC 62368-1						
	Clause	Requirement + Test	It will Mr	Result - Remark	Verdict		

6.2.2	TABLE: Power source	circuit classifica	tions			Р
Location	Operating and fault condition	Voltage (V)	Current (A)	Max. Power ¹⁾ (W)	Time (S)	PS class
Circuit for 5Vdc inpu	Mormal operation	5.12	2.02	10.34	After 3S	PS1
Circuit for 5Vdc inpu	Jg. J.	5.12	2.45	12.54	After 3S	PS1
Circuit for 9Vdc inpu	Mormal operation	9.12	1.79	16.32	After 5S	PS2
Circuit for 9Vdc inpu	J. J	9.12	2.36	21.52	After 5S	PS2
Circuit for 5Vdc wirele output	.01	4.58	1.44	6.60	After 3S	PS1
Circuit for 9Vdc wirele output		8.29	1.38	11.44	After 3S	PS1
USB outpu	t Normal operation	4.53	3.77	17.08	After 5S	PS2

Supplementary information:

Abbreviation: SC= short circuit; OC= open circuit

1) Measured after 3 s for PS1 and measured after 5 s for PS2 and PS3.

6.2.3.1	TABLE: Determination of Arcing PIS								
Location		Open circuit voltage after 3 s (Vpk)	Measured r.m.s current (A)	Calculated value	Arcing PIS? Yes / No				
War Mur	The Th	A	LIEN NITER	Write Marie Muli	241 211				
Supplement	Supplementary information:								

6.2.3.2 TAB	LE: Determ	ination of resistive PIS	P. P. C.	
Location		Operating and fault condition	Dissipate power (W)	Resistive PIS? Yes / No
Circuit for 9Vdc ir	nput	Normal operation	16.32	Yes
Circuit for 9Vdc ir	nput	USB output OL	21.52	Yes
USB output	et et	Normal operation	17.08	Yes
Supplementary in	formation:	THE STATE OF THE S	et let the tier tier	WILL ALL

Abbreviation: SC= short circuit; OC= open circuit



Reference No.: WTF22D07136335Y Page 51 of 58

Š	EN IEC 62368-1						
	Clause	Requirement + Test	It will Mr	Result - Remark	Verdict		

8.5.5	TABLE: High	pressure lamp	74 74	at the	N/A
Lamp man	ufacturer	Lamp type	Explosion method	Longest axis of glass particle (mm)	Particle found beyond 1 m Yes / No
st	· LET LET	- 1 FEET SLIFE SING	in the me m		JF 70
Supplemen	ntary information	201. 201	TEN TEN LIE	CLIER WILTE	WILL WILL

9.6	7.6 TABLE: Temperature measurements for wireless power transmitters								JI P
Supply vol	tage (V)			: 5V/9	Λ	4, 4		t let	_
Max. trans	mit power o	of transmitt	er (W)	: 10W	10W				
			eiver and contact		with receiver and direct contact distance of			with receiver and distance of 5 m	
Foreign	objects	Object (°C)	Ambient (°C)	Object (°C)	Ambient (°C)	Object (°C)	Ambient (°C)	Object (°C)	Ambient (°C)
Steel disc	st s	25.5	24.7	25.2	24.7	25.5	24.7	24.9	24.7
Aluminium	ring	25.1	24.7	25.0	24.7	25.1	24.7	25.3	24.7
	foil	25.0	24.7	25.3	24.7	25.4	24.7	25.0	24.7

5.4.1.4, 9.3, B.1.5,	TABLE: Temperature measureme	ents	WALTE WAL	MULT	Murry M	Р
B.2.6	0 O	0)/D0	Lifet Ruffle	C COLLEGE	all the while	JUL.
Supply volta	age (V):	9VDC	2//			
Ambient ter	mperature during test T_{amb} (°C):	45.0	et - Tet	LIED O	The Three	_
Maximum n	neasured temperature ${\cal T}$ of part/at:		T (°C)		Allowed T_{max} (°C)
DC input ter	rminal	68.3	mr. m	-71/1	10,-	Ref.
C7 body	Marie Mer Muse Miles	71.4	40t- 3	et -itet	INLTER AN	105
L1 winding	EX TEX TEX STER SINCE	74.3	Vr 211	44		130
L2 winding	ir me me m	75.5	TEX TEX	MITTER .	WILLE -WILL	130
Winding of v	wireless charger	82.1	-70	, <u>-</u>	* - *	130
PCB near U	11 July 19 1 11 11	85.8	t THE	WILE - W	C WALL	130
PCB near U	12 tet ster mit o	83.6	20,	ر د	* _ E*	130
PCB near U	14	73.8	WITE W	The William	21/2 - 21/	130
USB output	terminal	69.0	*	+ -#	All S	Ref.
Internal enc	losure near wireless charger	74.8	Hile -Will	ALC.	14 14.	Ref.
- LTE 101	THE WITTER WITTER AND THE PARTY AND	iust to 25°C	at at	LE*	JEK JEK	WITE OF



Reference No.: WTF22D07136335Y Page 52 of 58

EN IEC 62368-1							
Clause	Requirement + Test	Result - Remark	Verdict				

External enclosure near wirele	ane a	49.3		7	CENT CENT	77	
Temperature T of winding:	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	$R_2(\Omega)$	T (°C)	Allowed T_{max} (°C)	Insulation class
T. M. M. W.	2-	* "	10 Elk	WILL SU	The William	Mr.	10 - 14
Supplementary information:	NITE WAL	MUF	20	20 0	1 ×	et e	LEK JE

B.2.5	TA	ABLE: Inpu	t test					P	
U (V)	Hz	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status	
5V	DC	2.02	2.5	10.10	et liet ni	EK IEK	Writek M	Wireless output: 5VDC, 1.0A	
5V	DC	2.45	2.5	12.25	711 70	TEX.	LIENE NI	USB output: 5VDC, 2.0A	
9V	DC	1.79	2.0	16.11	MULL -MUL	24° - 2		Wireless output: 9VDC, 1.1A	
9V	DC	1.49	2.0	13.41	ALTER WALTER	Will - Mu	241	USB output: 5VDC, 2.0A	

B.3, B.4 TA	TABLE: Abnormal operating and fault condition tests								
Ambient tempe	Ambient temperature T _{amb} (°C)								
Power source f	or EUT: Manufactu	100	LITTER SILVERS						
Component No	Condition	Supply voltage (V)	Test time	Fuse no.	Fuse current (A)	Observation	on		



Reference No.: WTF22D07136335Y Page 53 of 58

7	MULTER	Min My Mar	EN IEC 62368	3-1 (1) (1) (1)	100	The Chief
	Clause	Requirement + Test	Will Mill My	Result - Remark	y	Verdict

5V Wireless output	Overload	5VDC	2hours3 5mins	Whitek White St. Whitek	2.02→ 2.15→ 2.28→ 2.35→ 0.001	Winding of wireless charger: 84.0°C PCB near U2: 85.3°C Ambient: 45.0°C External enclosure near wireless charger: 52.0°C Ambient: 25.0°C Wireless output overload to 1.4A, over 1.4A unit shut down, no hazard, no damage. Recoverable when fault removed.
9V Wireless output	Overload	9VDC	2hours3 0mins	antic and street and the street and	1.79→ 1.85→ 2.00→ 2.18→ 0.001	Winding of wireless charger: 90.1°C PCB near U2: 88.7°C Ambient: 45.0°C External enclosure near wireless charger: 53.1°C Ambient: 25.0°C Wireless output overload to 1.31A, over 1.31A unit shut down, no hazard, no damage. Recoverable when fault removed.
Wireless charger	Short circuit	9VDC	10mins	Tex Unit	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
USB output	Overload	9VDC	2hours0 7mins	SUPLIFIE ON STEEL ON	1.49→ 1.76→ 2.05→ 2.36→ 0.001	PCB near U1: 88.4°C USB output terminal: 71.2°C Ambient: 45.0°C External enclosure near USB: 44.4°C Ambient: 25.0°C USB max loading current was 3.2A, over 3.2A unit shut down, no damaged, no hazard. Recoverable when fault removed.
USB output	Short circuit	9VDC	10mins	un ^{lit} ek Tek 'li	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
C7 C7	short circuit	9VDC	10mins	ek Merrek Lek	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.



Reference No.: WTF22D07136335Y Page 54 of 58

7	MULTER	Min My Mar	EN IEC 62368	3-1 (1) (1) (1)	100	The Chief
	Clause	Requirement + Test	Will Mill My	Result - Remark	y	Verdict

C12	short circuit	9VDC	10mins	on itek Tek	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
NTC MALTE	Opened circuit	9VDC	10mins	EK VIV VIVITE	1.79	After opened circuit, unit normal working. No damage, no leakage, no explosion, no hazard.
C22	short circuit	9VDC	10mins	WILLER ON	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
C6	short circuit	9VDC	10mins	TEK -WALT	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
R6	short circuit	9VDC	10mins	AN THE	1.79	After short circuit, unit normal working. No damage, no leakage, no explosion, no hazard.
U2 pin4-16	Short circuit	9VDC	10mins	LITE VINLIF	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
U1 pin1-14	Short circuit	9VDC	10mins	WILLER WILLER	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.
U1 pin1-8	Short circuit	9VDC	10mins	iter - oni er - fer	0.001	After short circuit, unit shut down immediately, recoverable. No damaged, no leakage, no explosion, no hazard.

Reference No.: WTF22D07136335Y	Page 55 of 58
--------------------------------	---------------

THE WALLE	EN IEC 62368-1 Clause Requirement + Test Result - Remark				
Clause	Requirement + Test	Write Muria Mus	Result - Remark	at s	Verdict

M.3	TABLE: Prot	ection circuits	s for	batteries	provided	w	ithin th	ne equi	pment	N/A
Is it possible	to install the b	pattery in a reve	erse p	polarity po	osition?	Jr.i	the l	oattery i	ible to install n a reverse position	_
					Cł	narç	ging			
Equipment	Specification	Voltage (V)						Current (A)		
			TEX STEE BUTE OUT ON			21,	4,	4	+ +	
		Battery specification								
		Non-rechargeable batteries				Rech	argeab	le batteries		
		Discharging			Charging			Discharging	Reverse	
Manufac	turer/type	current (A) charging current (A)			Voltage (V)	Current (A)		current (A)	charging current (A)
10	T	d 1	Ļ	TEN II	liter wil	\$	Mer	Mer	m. a	
Note: The te	sts of M.3.2 are	e applicable on	ly wh	en above	appropria	te c	data is ı	not avai	lable.	
Specified ba	ttery temperat	ure (°C)		<u> </u>			W.	Me	211. 21.	
Component No.	Fault condition	Charge/ discharge mo	ode	Test time	Temp. (°C)	С	urrent (A)	Voltag (V)	e Obse	rvation
TIEN STE	Int Int	7 10	6	2			t-		TER JER	NITER SOI
Supplementa	ary information	/ A V		CLEE	5			(m)	10, 1	h 2,

Abbreviation: SC= short circuit; OC= open circuit NL= no chemical leakage; NS= no spillage of liquid; NE= no explosion; NF= no emission of flame or expulsion of molten metal.

M.4.2	TABLE: battery						
Maximum	specified ch	narging voltage	e (V)		I TEK LIFE	MITE WALTE	_
Maximum	specified ch	narging current	t (A)	T. Mr.	in 10,	* *	_
Highest specified charging temperature (°C):							
Lowest sp	ecified char	ging temperatu	ure (°C)			LEX LEX S	_
Battery		Operating		Measurement		Observation	n
manufact	urer/type	and fault condition	Charging voltage (V)	Charging current (A)	Temp. (°C)		
TEX	LIER NLIER	MULTER SHILL	100 1	1. 1.	A 0	LEF LEF	JEK .

Supplementary information:

Abbreviation: SC= short circuit; OC= open circuit; MSCV= maximum specified charging voltage; MSCC= maximum specified charging current; HSCT= highest specified charging temperature; LSCT= lowest specified charging temperature

Q.1	TABLE: Circuits intended for interconnection with building wiring (LPS)						
Output Circuit	Condition	U _{oc} (V)	Time (s)	I _{sc} (A)		S (VA)	
				Meas.	Limit	Meas.	Limit



Reference No.: WTF22D07136335Y Page 56 of 58

	EN IEC 62368-1									
Clause	Requirement + Tes	st unti unti	2/1	Result - Re	mark	set a	Verdict			
ales .	24 20 20 20 A		LIFE	WITE WALT	WELL .	wer we	100			
5V wireless output	Normal	5.0	>60s	1.44	untit un	6.60	100			
9V wireless output	Normal	9.0	>60s	1.38	8	11.44	100			
USB output	Normal	5.12	>60s	3.7	8	16.87	100			

T.2, T.3, TA	ABLE: Stead	ly force test	un i un	t stiet	NLIEK UNL	IEK WALTE	White Inti P	
Part/Location		Material	Thickness (mm)	Probe	Force (N)	Test Duration (s)	n Observation	
Enclosure (T.5)		Metal	1.5	MULTER WILLIEM	250	Service 5	There is no crack, no damaged, no hazard.	
Enclosure (T.5)	ni jeti	Bamboo	2.7	JULES .	250	5 mitet	There is no crack, no damaged, no hazard.	
Supplementary	information:							
T.6, T.9 TA	BLE: Impa	ct test	it william	West and	2hr	211. 2	Р	
Location/part Mat		erial	al Thickness (mm)			Observation		
Top surface of enclosure Bam		iboo	2.7	1300		There is no crack, no damaged, no hazard.		
Side surface of	enclosure	Bam	iboo	2.7	1300		s no crack, no ed, no hazard.	
Bottom surface enclosure	of	Me	etal	1.5	1300		s no crack, no ed, no hazard.	
Supplementary	information:	1 1	t state	LIER MITE	WET.	ares al	in any	
T.7 TA	BLE: Drop	test	24, 27		7.4	14 1	N/A	
Location/part		Mate	erial	Thickness (mm)	Height (mm)		Observation	
the area	n. in		· 1 1	- <u></u>	JER N	E NITE	Wer The M	
Supplementary	information:	- Liter of	VIII MUL	211. 211	20,	4	A A	
T.8 TA	BLE: Stres	s relief test	4 4	at a	Et JET	alifer	mer on Bur	
Location/Part	Ma	aterial	Thickness (mm)	Oven Tem (°C	perature)	Duration (h)	Observation	
Enclosure	Ba	amboo	2.7	No. 85 Mar.		1 7 M	7 No reduction the and cr.	
Supplementary	information:	72,	4 1	* 4	100	JET JU	all all	



Reference No.: WTF22D07136335Y Page 57 of 58

Ś	T.E. MULT	EN IEC 62368-1					
	Clause	Requirement + Test	It will Mr	Result - Remark	Verdict		

X	TABLE: Alternati	ve method for determini	ng minimum clearances	distances	N/A
Clearanc	e distanced between:	Peak of working voltage (V)	Required cl (mm)	Measure (mm)	
the string	is were shown	20 2	at the the	TER WITE IT	in a
Supplem	entary information:	CENTER LITER SIN	y me me m	70	



Reference No.: WTF22D07136335Y Page 58 of 58

Ś	T.E. MULT	EN IEC 62368-1					
	Clause	Requirement + Test	It will Mr	Result - Remark	Verdict		

4.1.2 TAB	LE: Critical compo	onents information	20 2	at the	P ^t
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Bamboo enclosure	Interchangeable	Interchangeable	Thickness: 2.7mm	EN IEC 62368-1	Test within appliance
Metal enclosure	Interchangeable	Interchangeable	Thickness: 1.5mm	EN IEC 62368-1	Test within appliance
Internal wire	SHENZHEN DINGYU ELECTRICAL TECHNOLOGY CO LTD	2464	300V, 22AWG, 80°C, VW-1	UL 758	UL E365423
Winding of wireless charger	Interchangeable	Interchangeable	130°C	EN IEC 62368-1	Test within appliance
LED WALTER	Shenzhen chongtian Photoelectric Technology Co., Ltd	2835	I _F =0.2A; 2800K, 5500K, exempt group	EN 62471	Report No. WTF21F1112 0681L
Lamp cover	LG CHEM LTD	H950	HB, 60°C, min.thickness: 1.5mm	UL 94	UL E67171
PCB and the management of the control of the contro	SHENZHEN GAOJIANGHON G CIRCUIT BOARD CO LTD	G-2	V-0, 130°C	UL 796	UL E348521
Alternative	Interchangeable	Interchangeable	V-0, 130°C	UL 796	ULS AND

Supplementary information:

¹⁾ Provided evidence ensures the agreed level of compliance. See OD-2039.

²⁾ Description line content is optional. Main line description needs to clearly detail the component used for testing.



Reference No.: WTF22D07136335Y





Photo 1

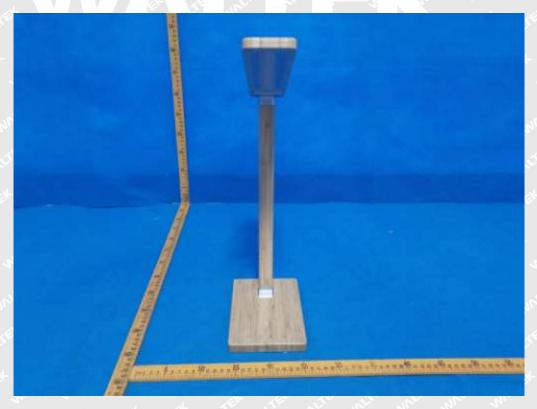


Photo 2



Reference No.: WTF22D07136335Y



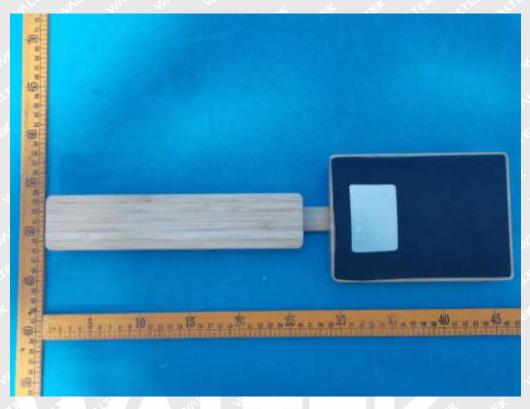


Photo 3

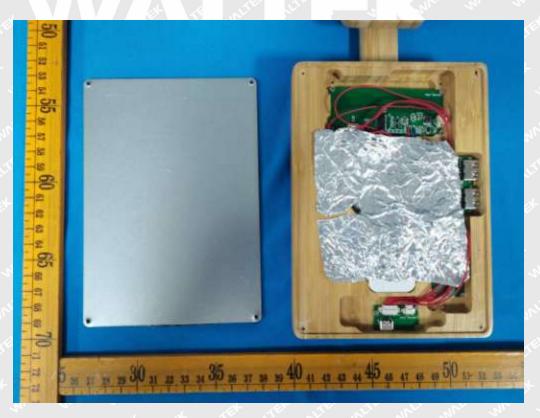


Photo 4



Reference No.: WTF22D07136335Y



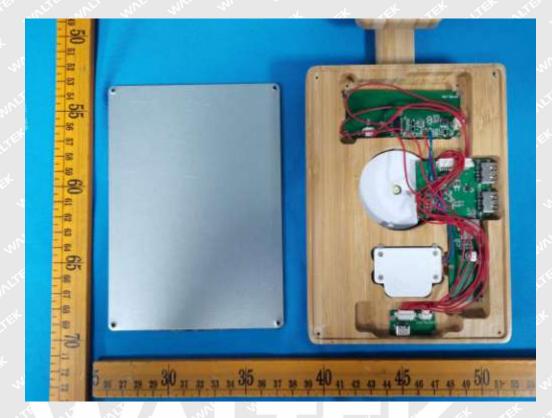


Photo 5

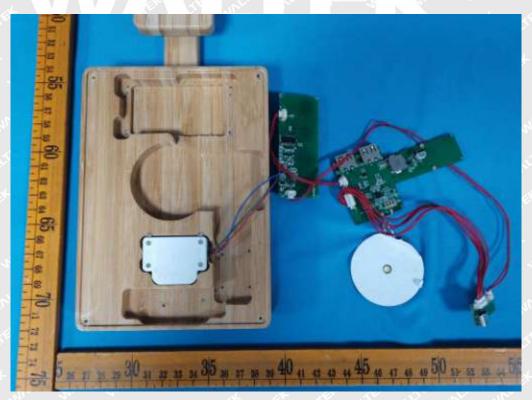


Photo 6

Page 4 of 6

Photo Documentation

Reference No.: WTF22D07136335Y



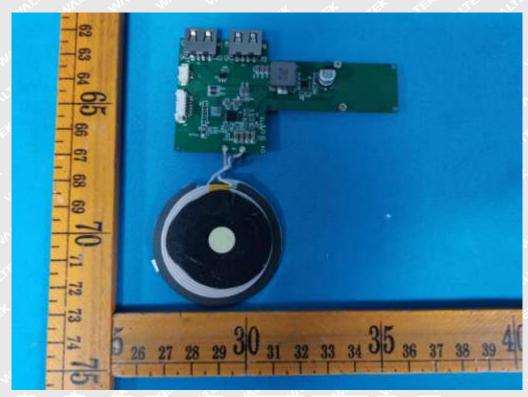


Photo 7

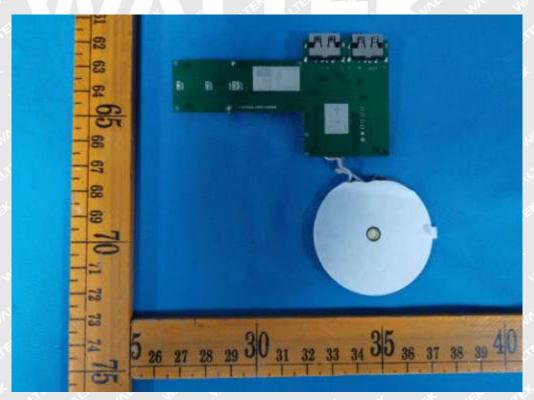


Photo 8

Page 5 of 6

Photo Documentation

Reference No.: WTF22D07136335Y



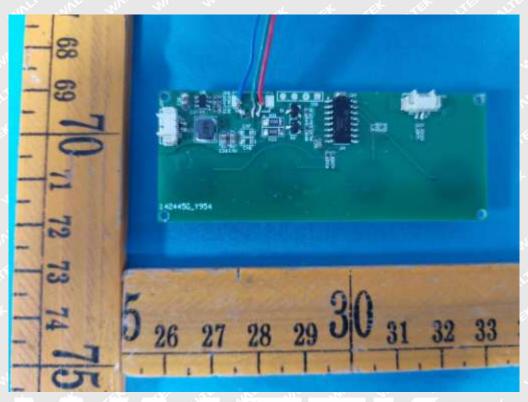


Photo 9

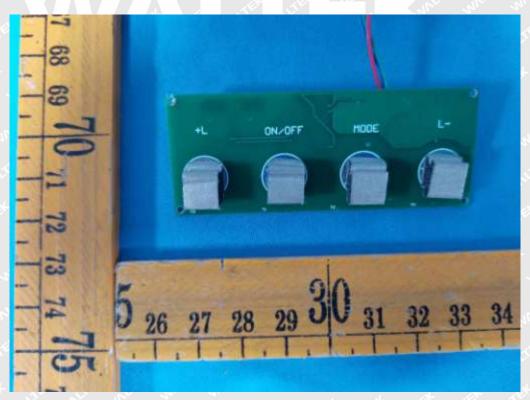


Photo 10



Reference No.: WTF22D07136335Y



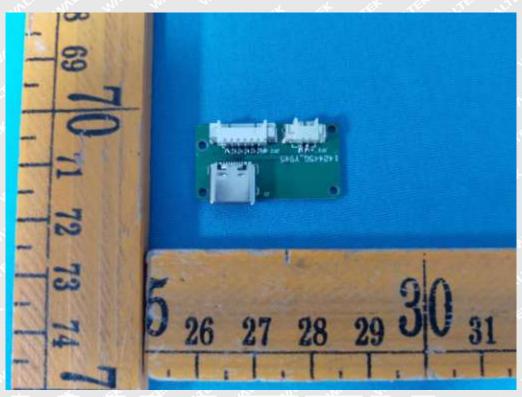


Photo 11

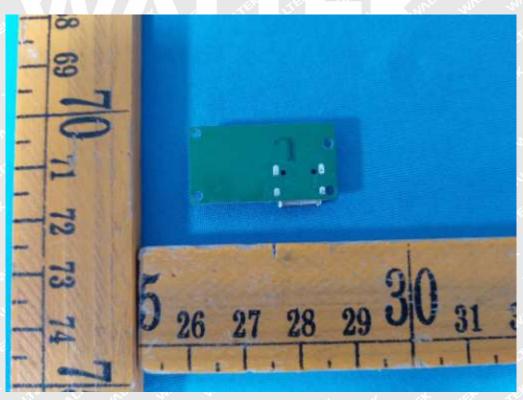


Photo 12

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