



TEST REPORT

Reference No. : WTF22D04078625Y

Applicant: : Mid Ocean Brands B.V.

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

Hong Kong

Manufacturer : 116737

Address

Product: Wireless charger weatherstation

Model(s)..... : MO6665

Total pages.....: 58 + 6 pages of photo documentation

Standards: EN 62368-1:2014+A11:2017

Audio/video, information and communication technology equipment-

Part 1:Safety requirements

Date of Receipt sample : 2022-04-25

Date of Test 2022-04-25 to 2022-05-26

Date of Issue : 2022-06-09

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.

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THE THE LITTER

Sam Qi / Designated Reviewer

Page 2 of 58

Reference No.: WTF22D04078625Y Page 2 of 58

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Test item description: Wireless charger weatherstation

Trademark: MOB

Model and/or type reference MO6665

Rating(s) Input: 5VDC, 2A /9VDC, 1.67A

Wireless output: 5VDC, 1A /9VDC, 1.1A 10W max.

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:

Summary of testing:

Tests performed (name of test and test clause):

-EN 62368-1:2014+A11:2017 All applicable test

Testing location:

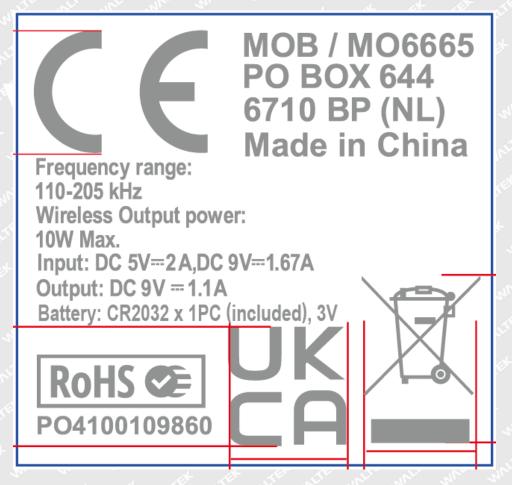
Waltek Testing Group Co., Ltd.

Address: No.77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China

Summary of compliance with National Differences:

List of countries addressed: National Differences and Group Differences for CENELEC countries were checked.

Copy of marking plate:



Remark:

Above label for reference only, are the minimum requirements required by the safety standard. The final label marking on product shall contain the information at least. Name and address of the Importer AND Manufacturer must be affixed on the product when the product placed on the EU market. For the final productions, the additional marking which do not give rise to misunderstanding may be added.

Page 3 of 58 Reference No.: WTF22D04078625Y

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	A		A	٩
N.		X		

TEST ITEM PARTICULARS:	W.	me me me to	
Classification of use by:	□In:	rdinary person structed person silled person nildren likely to be present	
Supply Connection:	⊠E≻	C Mains □DC Mains sternal Circuit - not Mains connected - ☑ES1 □ES2 □ES3	
Supply % Tolerance:	□+10%/-10% □+20%/-15% □+6%/ -10% ⊠ None		
Supply Connection – Type:	 □ pluggable equipment type A - □ non-detachable supply cord □ appliance coupler □ direct plug-in □ mating connector □ pluggable equipment type B - □ non-detachable supply cord □ appliance coupler □ permanent connection □ mating connector ⋈ other: not directly connected to the mains 		
Considered current rating of protective device as part of building or equipment installation	Insta	llation location: ☐building; ☐equipment	
Equipment mobility:	☐ movable☐ hand-held☑transportable☐ stationary☐ for building-in☐direct plug-in☐ rack-mounting☐ wall-mounted		
Over voltage category (OVC)	⊠other: not directly connected to the mains.		
Class of equipment			
Pollution degree (PD)		□PD 1 □ PD 2 □ PD 3 50°C	
Manufacturer's specified maxium operating ambient: IP protection class		□ IPX0 □ IP20	
Power Systems			
Altitude during operation (m)			
Altitude of test laboratory (m)			
Mass of equipment (kg)			
t lit for the state with and and an in the			
POSSIBLE TEST CASE VERDICTS:	TEK	THE THE WALL WALL WILL WILL	
- test case does not apply to the test object:		N/A	



Reference No.: WTF22D04078625Y Page 4 of 58

- test object does meet the requirement:	P (Pass)
- test object does not meet the requirement:	F (Fail)
TESTING:	10, 10, 10, 1
Date of receipt of test item:	2022-04-25
Date (s) of performance of tests:	2022-04-25 to 2022-05-26
GENERAL REMARKS:	THE WALLE WILL WITH WITH WALL
The test result presented in this report relate only to the or This report shall not be reproduced, except in full, without laboratory. The report would be invalid without specific stamp for test.	t the written approval of the Issuing testing
The report would be invalid without specific stamp for test. The report would be invalid without the signatures of report.	
"(see Enclosure #)" refers to additional information apper	
"(see appended table)" refers to a table appended to the	
Throughout this report a ☐ comma / ☒ point is used	
GENERAL PRODUCT INFORMATION:	* let tet tret stret stret mater sin
Product Description	Mus Mrs Mrs Mrs Mrs Mrs
The equipment with model MO6665 is Wireless charge equipment.	r weatherstation, which is classified as Class III
2. The equipment is powered by an external DC source.	
3. The maximum operating temperature is 50°C.	
Model Differences N/A	EX WILLE WILLE WILLE WILLE WILLE
Additional application considerations – (Consideration	ns used to test a component or sub-assemble
N/A	With with white when we will



Reference No.: WTF22D04078625Y Page 5 of 58



ENERGY SOURCE IDENTIFICATION AND CLASSIFICATION TABLE:

(Note 1: Identify the following six (6) energy source forms based on the origin of the energy.)

(Note 2: The identified classification e.g., ES2, TS1, should be with respect to its ability to cause pain or injury on the body or its ability to ignite a combustible material. Any energy source can be declared Class 3 as a worse case classification e.g. PS3, ES3.

Electrically-caused injury (Clause 5):

(Note: Identify type of source, list sub-assembly or circuit designation and corresponding energy source classification)

Example: +5 V dc input

Source of electrical energy	Corresponding classification (ES)
Input circuit	ES1 at the state with the
Wireless output	ES1
Button cell battery	EST THE STATE OF T

Electrically-caused fire (Clause 6):

(Note: List sub-assembly or circuit designation and corresponding energy source classification)

Example: Battery pack (maximum 85 watts):

Source of power or PIS	Corresponding classification (PS)
Input circuit	PS1
Wireless output	PS1 + tet tet nit nit nit
Button cell battery	PS1

Injury caused by hazardous substances (Clause 7)

(Note: Specify hazardous chemicals, whether produces ozone or other chemical construction not addressed as part of the component evaluation.)

Example: Liquid in filled component Glycol

Source of hazardous substances	Corresponding chemical
N/A	N/A

Mechanically-caused injury (Clause 8)

(Note: List moving part(s), fan, special installations, etc. & corresponding MS classification based on Table 35.)

MS2 Example: Wall mount unit

Source of kinetic/mechanical energy	Corresponding classification (MS)		
Sharp edges and Corners	MS1		
Equipment mass	MS1		

Thermal burn injury (Clause 9)

(Note: Identify the surface or support, and corresponding energy source classification based on type of part, location, operating temperature and contact time in Table 38.)

Example: Hand-held scanner – thermoplastic enclosure TS1

Source of thermal energy	Corresponding classification (TS)
External enclosure	TS1 THE NUT WILL WILL WILL WILL



Page 6 of 58 Reference No.: WTF22D04078625Y

ENERGY SOURCE IDENTIFICATION	AND CLASSIFICATION TABLE:
Radiation (Clause 10)	THE LIFE STEEL STEEL SHIPE SOUTH STORY
(Note: List the types of radiation presen Example: DVD – Class 1 Laser Produc	t in the product and the corresponding energy source classification.)
	Corresponding classification (RS)
Type of radiation LED indicating light	

Clause	Possible Hazard Electrically-caused injury			
5.1				10
Body Part	Energy Source	1 1	Safeguards	A TIEF
(e.g. Ordinary)	(ES3: Primary Filter circuit)	Basic	Supplementary	Reinforced (Enclosure)
Ordinary person	ES1: Input circuit ES1: Wireless output ES1: Button cell battery	N/A	N/A	N/A
6.1	Electrically-caused fire	111. 111		et let
Material part	Energy Source	JEK CLIEB	Safeguards	Mur
(e.g. mouse enclosure)	(PS2: 100 Watt circuit)	Basic	Supplementary	Reinforced
Internal combustible material	PS1: Input circuit PS1: Wireless output PS1: Button cell battery	N/A	N/A	N/A W
7.1 A At At A	Injury caused by hazard	ous substance	s	at at
Body Part	Energy Source	Safeguards		
(e.g., skilled)	(hazardous material)	Basic	Supplementary	Reinforced
N/A	N/A	N/A	N/A	N/A
8.1.	Mechanically-caused inj	ury	the state of	. Let
Body Part	Energy Source	t slift of	Safeguards	me, m
(e.g. Ordinary)	(MS3:High Pressure Lamp)	Basic	Supplementary	Reinforced (Enclosure)
Ordinary person	MS1: Sharp edges and Corners	N/A	N/A	N/A
Ordinary person	MS1: Equipment mass	N/A	N/A	N/A
9.1	Thermal Burn	at at	TER TER STE	in Lite and
Body Part	Energy Source Safeguards		Safeguards	
(e.g., Ordinary)	(TS2)	Basic	Supplementary	Reinforced
Ordinary person	TS1: External enclosure	N/A	N/A	N/A
10.1	Radiation	White white	my my m	4,
Body Part	Energy Source	, 4	Safeguards	Car Car



Reference No.: WTF22D04078625Y Page 7 of 58

(e.g., Ordinary)	(Output from audio port)	Basic	Supplementary	Reinforced
Ordinary	RS1: LED indicating light	N/A	N/A	N/A
Ordinary	RS1: Screen display	N/A	N/A	N/A

Supplementary Information: (1) See attached energy source diagram for additional details.

(2) "N" - Normal Condition; "A" - Abnormal Condition; "S" Single Fault





Reference No.: WTF22D04078625Y Page 8 of 58

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" aug	211 211 22	IEC/EN 62368-1	ry were we
Clause	Requirement – Test	Result – Remark	Verdict

4	GENERAL REQUIREMENTS		P
4.1.1	Acceptance of materials, components and subassemblies	EL WILLE MILLE MILLE	W P
4.1.2	Use of components	(See appended table 4.1.2)	WILL P.
4.1.3	Equipment design and construction	Mr. Mr. Mr. Mr.	Р
4.1.15	Markings and instructions	(See Annex F)	P
4.4.4	Safeguard robustness	in the same	+ Pa
4.4.4.2	Steady force tests	(See Annex T.4)	WP.
4.4.4.3	Drop tests	(See Annex T.7)	∠P ^L
4.4.4.4	Impact tests	White while while when	N/A
4.4.4.5	Internal accessible safeguard enclosure and barrier tests	SLIER WITER WITER WAITER	N/A
4.4.4.6	Glass Impact tests	No glass used	N/A
4.4.4.7	Thermoplastic material tests	(See Annex T.8)	Р
4.4.4.8	Air comprising a safeguard	(See Annex T)	N/A
4.4.4.9	Accessibility and safeguard effectiveness	the write many and and	Р
4.5	Explosion	No explosion	P
4.6	Fixing of conductors	2 July In	N/A
4.6.1	Fix conductors not to defeat a safeguard	The The Life of	N/A
4.6.2	10 N force test applied to	mer me me	N/A
4.7	Equipment for direct insertion into mains socket - outlets	STEK WALTER WALTER WALTER WAS	N/A
4.7.2	Mains plug part complies with the relevant standard	EX UNLIES WHITES WHITE	N/A
4.7.3	Torque (Nm)	at at the the	N/A
4.8	Products containing coin/button cell batteries	MULL MULL MULL MINE	Р
4.8.2	Instructional safeguard	et tet tet stet steet o	TE PU
4.8.3	Battery Compartment Construction	We we we my	Р
WALTER WA	Means to reduce the possibility of children removing the battery	The battery cover requires the application of a minimum of two independent and simultaneous movements to open by hand.	_
4.8.4	Battery Compartment Mechanical Tests	(See appended table 4.8.4)	Р
4.8.5	Battery Accessibility	ALTER OLITER MALTER MALLE	P.I.
4.9	Likelihood of fire or shock due to entry of conductive object	See Annex P	EX PIE



Reference No.: WTF22D04078625Y Page 9 of 58

IEC/EN 62368-1			
Clause	Requirement – Test	Result – Remark	Verdict

Clause	Requirement – Test	Result – Remark	verdict
5	ELECTRICALLY-CAUSED INJURY	10 15 25 18 10 10 10 10 10 10 10 10 10 10 10 10 10	P
5.2.1	Electrical energy source classifications	(See appended table 5.2)	Р
5.2.2	ES1, ES2 and ES3 limits	Considered as ES1	Р
5.2.2.2	Steady-state voltage and current	(See appended table 5.2)	N/A
5.2.2.3	Capacitance limits	21/2 21/2 21/2	N/A
5.2.2.4	Single pulse limits	No single pulse introduced	N/A
5.2.2.5	Limits for repetitive pulses	No repetitive pulses introduced	N/A
5.2.2.6	Ringing signals	No ringing signal generated	N/A
5.2.2.7	Audio signals	e et et et	N/A
5.3	Protection against electrical energy sources	Williamit Muri Muri	N/A
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons	SLIER WITER WILLER	N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	TEX TEX STEX STEX STEEL SH	N/A
5.3.2.2	Contact requirements	W. M. M. M.	N/A
Write M	a) Test with test probe from Annex V	THE LITTER STIFF WITE WAL	N/A
at A	b) Electric strength test potential (V)		N/A
The Man	c) Air gap (mm)	White white	N/A
5.3.2.4	Terminals for connecting stripped wire		N/A
5.4	Insulation materials and requirements	CLIEF WIFE WALL WALL	N/A
5.4.1.2	Properties of insulating material	The second second	N/A
5.4.1.3	Humidity conditioning	LIFE WALL WALL WALL WA	N/A
5.4.1.4	Maximum operating temperature for insulating materials	(See appended table 5.4.1.4)	N/A
5.4.1.5	Pollution degree	Pollution degree 2 considered	_
5.4.1.5.2	Test for pollution degree 1 environment and for an insulating compound	WALTE WALTE WALTE WALTE	N/A
5.4.1.5.3	Thermal cycling	TER STEE WITE SMITE SW	N/A
5.4.1.6	Insulation in transformers with varying dimensions	et tet tet stet stet et	N/A
5.4.1.7	Insulation in circuits generating starting pulses	The Me Me Me	N/A
5.4.1.8	Determination of working voltage	(See appended table 5.4.1.8)	N/A
5.4.1.9	Insulating surfaces	Mr. Mr. Mr. Mr.	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	WALTER WALTER WALTER WALTER	N/A
5.4.1.10.2	Vicat softening temperature	set set set stet o	N/A
5.4.1.10.3	Ball pressure	(See appended table 5.4.1.10.3)	N/A
5.4.2	Clearances	at the tell till till	N/A



Reference No.: WTF22D04078625Y Page 10 of 58

IEC/EN 62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	
-100		Da was a san a	- 1/1/2	
5.4.2.2	Determining clearance using peak working voltage	(See appended table 5.4.2.2)	N/A	
5.4.2.3	Determining clearance using required withstand voltage	(See appended table 5.4.2.3)	N/A	
e an	a) a.c. mains transient voltage	THE WALL WALL WALL	_	
EX JEX	b) d.c. mains transient voltage	No such transient voltage	_	
11/2	c) external circuit transient voltage	No such transient voltage	_	
WALTER	d) transient voltage determined by measurement	No need to conduct this test	_	
5.4.2.4	Determining the adequacy of a clearance using an electric strength test	Procedure 2 considered	N/A	
5.4.2.5	Multiplication factors for clearances and test voltages	Clearance distance was evaluated for altitude up to 2000m above sea level	N/A	
5.4.3	Creepage distances	(See appended table 5.4.3)	N/A	
5.4.3.1	General	WILL MULL MULL MILL MILL	N/A	
5.4.3.3	Material Group	Material group IIIb is assumed to be used	_	
5.4.4	Solid insulation	TEX STEP	N/A	
5.4.4.2	Minimum distance through insulation	and the same	N/A	
5.4.4.3	Insulation compound forming solid insulation	THE THE	N/A	
5.4.4.4	Solid insulation in semiconductor devices	min mer and a	N/A	
5.4.4.5	Cemented joints	EX TEX TEX STER ON	N/A	
5.4.4.6	Thin sheet material	ry, my my m, m, w,	N/A	
5.4.4.6.1	General requirements	et let liet alies with	N/A	
5.4.4.6.2	Separable thin sheet material	The The The	N/A	
The MULT	Number of layers (pcs)	TEX LIER OLIER MITE	N/A	
5.4.4.6.3	Non-separable thin sheet material	21/2 21/2 20 20 20 20 20 20 20 20 20 20 20 20 20	N/A	
5.4.4.6.4	Standard test procedure for non-separable thin sheet material	WILL MULTER MULTER MULTER AND THE AND	N/A	
5.4.4.6.5	Mandrel test	et tet tet tet tet at	N/A	
5.4.4.7	Solid insulation in wound components	in the man my min	N/A	
5.4.4.9	Solid insulation at frequencies >30 kHz	t tet liet alter alter	N/A	
5.4.5	Antenna terminal insulation	Mr. Mr. Mr. 2111 211	N/A	
5.4.5.1	General	TER STEE OUTER WITE	N/A	
5.4.5.2	Voltage surge test	21/2 24 25 25 25 25 25 25 25 25 25 25 25 25 25	N/A	
MUE.	Insulation resistance (MΩ)	LIER WILL WILL WILL M	_	
5.4.6	Insulation of internal wire as part of supplementary safeguard	at at the other	N/A	



Reference No.: WTF22D04078625Y Page 11 of 58

IEC/EN 62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	
5.4.7	Tests for semiconductor components and for cemented joints	it lit lit is	N/A	
5.4.8	Humidity conditioning	in the mi	N/A	
LITETY SINLIN	Relative humidity (%)	- LEK TEK JEK	ALTER -	
4 1	Temperature (°C)	Mrs. Mrs. Mrs.		
it. Wille	Duration (h)	TEK STEK STEEL	nlife on —	
5.4.9	Electric strength test	ar ar ar	N/A	
5.4.9.1	Test procedure for a solid insulation type test	TER SLIER WITE MY	N/A	
5.4.9.2	Test procedure for routine tests	100 10 mm	N/A	
5.4.10	Protection against transient voltages between external circuit	White white whi	N/A	
5.4.10.1	Parts and circuits separated from external circuits	WALTER WALTER WALTER	N/A	
5.4.10.2	Test methods	At At All .	N/A	
5.4.10.2.1	General	ing my my my	N/A	
5.4.10.2.2	Impulse test	et let liet all	N/A	
5.4.10.2.3	Steady-state test		N/A	
5.4.11	Insulation between external circuits and earthed circuitry	THE WINTER	N/A	
5.4.11.1	Exceptions to separation between external circuits and earth	CHIE MALLE MALLE W	N/A	
5.4.11.2	Requirements	, , , , , , , , , , , , , , , , , , ,	N/A	
2/12 1	Rated operating voltage U _{op} (V)	THE WALL MAY MA	- m	
alifek mi	Nominal voltage U _{peak} (V)	at at all all	F (718) —	
10, 00,	Max increase due to variation U _{sp}	avera mur mur	-111	
ITEN MITE	Max increase due to ageing ΔU_{sa}	LEN TEN STEN	ALTER —	
	$U_{op} = U_{peak} + \Delta U_{sp} + \Delta U_{sa} \dots$	Mus My My		
5.5	Components as safeguards	TEX STEX STEEL II	LIE WALL WAL	
5.5.1	General	m. m. m. s.	N/A	
5.5.2	Capacitors and RC units	TER STER WITE SOLI	N/A	
5.5.2.1	General requirement	20, 20, 4	N/A	
5.5.2.2	Safeguards against capacitor discharge after disconnection of a connector	MULTER WALTER WALTER	N/A	
5.5.3	Transformers	TER LIER NITER	N/A	
5.5.4	Optocouplers	me in in	N/A	
5.5.5	Relays	THE LITER INTER AN	N/A	
5.5.6	Resistors	1. 24 A.	N/A	
5.5.7	SPD's	Et JEE STE MI	N/A	



Reference No.: WTF22D04078625Y Page 12 of 58

Clause	Poquiroment Test	Popult Pamark	Verdict
Clause	Requirement – Test	Result – Remark	verdict
5.5.7.1	Use of an SPD connected to reliable earthing	Fig. May May	N/A
5.5.7.2	Use of an SPD between mains and protective earth	EX WHILE MULTER WHILE M	N/A
5.5.8	Insulation between the mains and external circuit consisting of a coaxial cable	United Whitek Whitek Whi	N/A
5.6	Protective conductor	at the set of	N/A
5.6.2	Requirement for protective conductors	WILL MULL MULL MULL	N/A
5.6.2.1	General requirements	at let let let	N/A
5.6.2.2	Colour of insulation	in the sur sur	N/A
5.6.3	Requirement for protective earthing conductors	H unliet whilet while wh	N/A
TEX ST	Protective earthing conductor size (mm²)	at at at a	<i>i</i> t _
5.6.4	Requirement for protective bonding conductors	White Music Music Man	N/A
5.6.4.1	Protective bonding conductors	it let tet tet	N/A
10.	Protective bonding conductor size (mm²)	ury mur mur mu	40
WITE .	Protective current rating (A)	et let let liet liet	alife —
5.6.4.3	Current limiting and overcurrent protective devices	THE THE STATE OF	N/A
5.6.5	Terminals for protective conductors	2 July 201	N/A
5.6.5.1	Requirement	The state of the s	N/A
t JET	Conductor size (mm²), nominal thread diameter (mm)	and any of the	N/A
5.6.5.2	Corrosion	itte wat wat war.	N/A
5.6.6	Resistance of the protective system	at the tipe tipe	N/A
5.6.6.1	Requirements	MULL AND AND AND	N/A
5.6.6.2	Test Method Resistance (Ω)	LER LER STER ST	N/A
5.6.7	Reliable earthing	Mur. Mur. Mr. M.	N/A
5.7	Prospective touch voltage, touch current and pr	rotective conductor current	N/A
5.7.2	Measuring devices and networks	We was the way	N/A
5.7.2.1	Measurement of touch current	TEH TEH STEEL SLIFE	N/A
5.7.2.2	Measurement of prospective touch voltage	11 11 2	N/A
5.7.3	Equipment set-up, supply connections and earth connections	MULLER WATER WHILE WA	N/A
TER WALTE	System of interconnected equipment (separate connections/single connection)	INTER WALTER WALTER	7; —
MALTER	Multiple connections to mains (one connection at a time/simultaneous connections)	LIER NIET MILER WHITEK	
5.7.4	Earthed conductive accessible parts	The state of	N/A
5.7.5	Protective conductor current	Et alie alle and a	N/A



Reference No.: WTF22D04078625Y Page 13 of 58

	IEC/EN 623	68-1	
Clause	Requirement – Test	Result – Remark	Verdict
" of Low	The things of the	All JE WE WAY	The William
	Supply Voltage (V)	1 24 15 25 2	–
111 C. 11	Measured current (mA)	IER STIER WILLER WILL	white —
it.	Instructional Safeguard	20, 20	N/A
5.7.6	Prospective touch voltage and touch current due to external circuits	WALTER WALTE WALT	N/A
5.7.6.1	Touch current from coaxial cables	TEK STEK STEK	N/A
5.7.6.2	Prospective touch voltage and touch current from external circuits	ing the text of	N/A
5.7.7	Summation of touch currents from external circuits	The the the	N/A
	a) Equipment with earthed external circuits Measured current (mA)	MUTTER MUTTER MUTTER	N/A
ir. Mir.	b) Equipment whose external circuits are not referenced to earth. Measured current (mA)	White White White	N/A

6	ELECTRICALLY- CAUSED FIRE		P
6.2	Classification of power sources (PS) and potenti	al ignition sources (PIS)	w P
6.2.2	Power source circuit classifications		Р
6.2.2.1	General	White white o	ν P √
6.2.2.2	Power measurement for worst-case load fault	(See appended table 6.2.2)	P
6.2.2.3	Power measurement for worst-case power source fault	(See appended table 6.2.2)	Р
6.2.2.4	PS1	(See appended table 6.2.2)	Р
6.2.2.5	PS2	The state of	N/A
6.2.2.6	PS3	EX NITER WILL WALL WALL .	N/A
6.2.3	Classification of potential ignition sources	A A B B	N/A
6.2.3.1	Arcing PIS	meter white white where w	N/A
6.2.3.2	Resistive PIS	(See appended table 6.2.3.2)	N/A
6.3	Safeguards against fire under normal operating a	and abnormal operating conditions	Р
6.3.1 (a)	No ignition and attainable temperature value less than 90 % defined by ISO 871 or less than 300 °C for unknown materials	(See appended table 5.4.1.5, 6.3.2, 9.0, B.2.6)	MP
6.3.1 (b)	Combustible materials outside fire enclosure	A STER NITER WITE MAILE	N/A
6.4	Safeguards against fire under single fault conditi	ons	P
6.4.1	Safeguard Method	Method of control fire spread used	P/I
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	THE THE THE MITTER WITH	N/A
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits	at at at the test the	N/A



Reference No.: WTF22D04078625Y Page 14 of 58

Clause	Requirement – Test	Result – Remark	Verdict
Ciduoo	Treatment root	TOOR TOTAL	Volution
6.4.3.1	General	the me me and	N/A
6.4.3.2	Supplementary Safeguards	Et JEK STER MITE	N/A
LIEK MIT	Special conditions if conductors on printed boards are opened or peeled	o- Alt Alt State	N/A
6.4.3.3	Single Fault Conditions	Mus Aug M	N/A
MULTER	Special conditions for temperature limited by fuse	UNLIER WHITER WHITER W	N/A
6.4.4	Control of fire spread in PS1 circuits	at at all a	N/A
6.4.5	Control of fire spread in PS2 circuits	With Mary May May	N/A
6.4.5.2	Supplementary safeguards	of let tet the	N/A
6.4.6	Control of fire spread in PS3 circuit	in my my	N/A
6.4.7	Separation of combustible materials from a PIS	MILIER WHITER WHITER	N/A
6.4.7.1	General		N/A
6.4.7.2	Separation by distance	AUTHER MUTE CHUTCH	N/A
6.4.7.3	Separation by a fire barrier	at at all of	N/A
6.4.8	Fire enclosures and fire barriers	ay the my my	N/A
6.4.8.1	Fire enclosure and fire barrier material properties	F ANLIE	N/A
6.4.8.2.1	Requirements for a fire barrier		N/A
6.4.8.2.2	Requirements for a fire enclosure	Write Muri Mur M	N/A
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	CLIER WILES WHIER WAS	N/A
6.4.8.3.1	Fire enclosure and fire barrier openings		N/A
6.4.8.3.2	Fire barrier dimensions	LE WILLE WHILL MALL	N/A
6.4.8.3.3	Top Openings in Fire Enclosure: dimensions(mm)	ALTER STEEL MITTER	N/A
et let	Needle Flame test	70, 7	N/A
6.4.8.3.4	Bottom Openings in Fire Enclosure, condition met a), b) and/or c) dimensions (mm)	MILIE WALLE WHILE W	N/A
MUTTY M	Flammability tests for the bottom of a fire enclosure	a tek whitek whitek whi	N/A
6.4.8.3.5	Integrity of the fire enclosure, condition met: a), b) or c)	St antiet white white	N/A
6.4.8.4	Separation of PIS from fire enclosure and fire barrier distance (mm) or flammability rating	ALTER OLITER MOLIER	N/A
6.5	Internal and external wiring	An an a	N/A
6.5.1	Requirements	LIFE WILL WHILE WA	N/A
6.5.2	Cross-sectional area (mm²)		£ 2



Reference No.: WTF22D04078625Y Page 15 of 58

	IEC/EN 62368-1		
Clause	Requirement – Test	Result – Remark	Verdict
6.5.3	Requirements for interconnection to building wiring		N/A
6.6	Safeguards against fire due to connection to additional equipment	The the the	N/A
54 - 187 Se - 240	External port limited to PS2 or complies with Clause Q.1	MULTE WILL WILL	N/A

7	INJURY CAUSED BY HAZARDOUS SUBSTANCES		P
7.2	Reduction of exposure to hazardous substances	No such hazardous substances	N/A
7.3	Ozone exposure	No ozone production	N/A
7.4	Use of personal safeguards (PPE)	mr mr m m	N/A
LIE W	Personal safeguards and instructions	the text little cities.	_
7.5	Use of instructional safeguards and instructions	Who we set the	N/A
10,	Instructional safeguard (ISO 7010)	VILL ME ME ME IN	_
7.6	Batteries	See Annex M	Р

8	MECHANICALLY-CAUSED INJURY		IN P IN
8.1	General	Edges and corners are classed as MS1	LTEX P STEE
8.2	Mechanical energy source classifications	MULL MULL WAY WE O	Р
8.3	Safeguards against mechanical energy sources	et tet jet sjet sjet si	N/A
8.4	Safeguards against parts with sharp edges and corners	No edges and corners	N/A
8.4.1	Safeguards	White Mur and Aug	N/A
8.5	Safeguards against moving parts	No moving parts	N/A
8.5.1	MS2 or MS3 part required to be accessible for the function of the equipment	mer mer on the	N/A
8.5.2	Instructional Safeguard	RETER WILL WALL VINE OUR	_
8.5.4	Special categories of equipment comprising moving parts	TEX STEX WITE WITE WILL	N/A
8.5.4.1	Large data storage equipment	The state of	N/A
8.5.4.2	Equipment having electromechanical device for destruction of media	MILLE MILL MILL MILL	N/A
8.5.4.2.1	Safeguards and Safety Interlocks	THE STEE WITE WITE A	N/A
8.5.4.2.2	Instructional safeguards against moving parts	10 10 x	o⊢ N/A o∸
ALC:	Instructional Safeguard	LIER WILL MALL MALL MA	_
8.5.4.2.3	Disconnection from the supply		N/A



Reference No.: WTF22D04078625Y Page 16 of 58

IEC/EN 62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
8.5.4.2.4	Probe type and force (N)	THE MILE WILL AND	N/A
8.5.5	High Pressure Lamps	No high pressure lamps	N/A
8.5.5.1	Energy Source Classification	7/1 //	N/A
8.5.5.2	High Pressure Lamp Explosion Test	CLIER WILL MULL MAN	N/A
8.6	Stability	70° 2 24 76°	N/A
8.6.1	Product classification	WITE WALL WALL WALL	N/A
TEK	Instructional Safeguard	a state of	<u> </u>
8.6.2	Static stability	THE WALL MAN WAY	N/A
8.6.2.2	Static stability test	at the the	N/A
0 - 2	Applied Force	were mer me m	_
8.6.2.3	Downward Force Test	THE THE LITTER WITH	N/A
8.6.3	Relocation stability test	Mrs. Mrs. Mrs. Mrs. Mrs.	N/A
MALI	Unit configuration during 10° tilt	TEX LIEX SLIEN WITH	_ 'n_
8.6.4	Glass slide test	in the the	N/A
8.6.5	Horizontal force test (Applied Force)	IET STIET WITH WITH W	N/A
it i	Position of feet or movable parts		<i>*</i>
8.7	Equipment mounted to wall or ceiling	anti uni	N/A
8.7.1	Mounting Means (Length of screws (mm) and mounting surface)	TE SLIE METE METE	N/A
8.7.2	Direction and applied force	m m m	N/A
8.8	Handles strength	No handles.	N/A
8.8.1	Classification	the state of	N/A
8.8.2	Applied Force	ER WILL MULL AND AND	N/A
8.9	Wheels or casters attachment requirements	No wheels or casters.	N/A
8.9.1	Classification	White White White White	N/A
8.9.2	Applied force	at let let the	_
8.10	Carts, stands and similar carriers	No carts or stands or other carriers.	N/A
8.10.1	General	TER WITE WHI WALL A	N/A
8.10.2	Marking and instructions	a start set .	N/A
1. 10	Instructional Safeguard	MULL MULL MULL MU	
8.10.3	Cart, stand or carrier loading test and compliance	NITER WHITE WHITE	N/A
t JEK	Applied force	and the set set	_
8.10.4	Cart, stand or carrier impact test	HITE WILL WILL WILL	N/A
8.10.5	Mechanical stability	the state of	N/A



Reference No.: WTF22D04078625Y Page 17 of 58

	IEC/EN 62	368-1	
Clause	Requirement – Test	Result – Remark	Verdict
ahr.	My My My Market	TER STEE SOLIE SOLIE	in the the
et.	Applied horizontal force (N)		<u> </u>
8.10.6	Thermoplastic temperature stability (°C)	TEX SLIEN WITER WHILE	N/A W
8.11	Mounting means for rack mounted equipment	Not rack mounted.	N/A
8.11.1	General	E RUTER WITE WALLY	N/A
8.11.2	Product Classification	1 1 1t 1t	N/A
8.11.3	Mechanical strength test, variable N	RITER WALTER WALTER	N/A
8.11.4	Mechanical strength test 250N, including end stops	THE SLITER WITH MILE	N/A
8.12	Telescoping or rod antennas	No rod antennas.	N/A
are an	Button/Ball diameter (mm)	THE STEE WITE WITE	we -

9	THERMAL BURN INJURY		L Pan
9.2	Thermal energy source classifications	Enclosure is classed as TS1	PULL
9.3	Safeguard against thermal energy sources	Will Mill Mill Mill Mill	N/A
9.4	Requirements for safeguards	a state of	N/A
9.4.1	Equipment safeguard	to the me me me	N/A
9.4.2	Instructional safeguard	Instructional safeguard is not required	N/A

10	RADIATION		Р
10.2	Radiation energy source classification	The LED indicating light and screen display were RS1.	Р
10.2.1	General classification	The LED indicating light and screen display were RS1.	P
10.3	Protection against laser radiation	No laser radiation	N/A
THE WILL	Laser radiation that exists equipment:	LIER SLIER WILL WHITE	_
et et	Normal, abnormal, single-fault	Mr. Mr. Mr. Mr.	N/A
me	Instructional safeguard	ALTER MITE WALTE WALTE WALTE	_
, TEX	Tool		_
10.4	Protection against visible, infrared, and UV radiation	THE WALL WALL WALL THE	N/A
10.4.1	General	A SLIER WILL WHILE MALLE	N/A
10.4.1.a)	RS3 for Ordinary and instructed persons	Si Si L A A	N/A
10.4.1.b)	RS3 accessible to a skilled person	CLIEB WILL WHILE WALL O	N/A
K WALTER	Personal safeguard (PPE) instructional safeguard	TEX STEX STEX MITES ON	_
10.4.1.c)	Equipment visible, IR, UV does not exceed RS1	at at all the	N/A



Reference No.: WTF22D04078625Y Page 18 of 58

IEC/EN 62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	

10.4.1.d)	Normal, abnormal, single-fault conditions	the many and any	N/A
10.4.1.e)	Enclosure material employed as safeguard is opaque	Safeguard is not required.	N/A
10.4.1.f)	UV attenuation	No UV.	N/A
10.4.1.g)	Materials resistant to degradation UV	No UV.	N/A
10.4.1.h)	Enclosure containment of optical radiation	No required.	N/A
10.4.1.i)	Exempt Group under normal operating conditions	on an an and	N/A
10.4.2	Instructional safeguard	Not required.	N/A
10.5	Protection against x-radiation	No X-radiation.	N/A
10.5.1	X- radiation energy source that exists equipment	(See appended table B.3 & B.4)	N/A
70	Normal, abnormal, single fault conditions	WHITE WALL WALL WAS A	N/A
LITER	Equipment safeguards	at at let telt a	N/A
70, .	Instructional safeguard for skilled person	With Mill Mrs. Mrs. And	N/A
10.5.3	Most unfavourable supply voltage to give maximum radiation	SEX WITEX WHITEX WHITE WHITE	_
TEX IT	Abnormal and single-fault condition	The second	N/A
20	Maximum radiation (pA/kg)	A THE THE	N/A
10.6	Protection against acoustic energy sources	The The	N/A
10.6.1	General	MULL MULL MULL MULL D	N/A
10.6.2	Classification	at all the little of	N/A
10.	Acoustic output, dB(A)	TI THE THE THE THE	N/A
INLIES NA	Output voltage, unweightedr.m.s.	et tet itet litet slite	N/A
10.6.4	Protection of persons	Mr. Mr. Mr. Mr.	N/A
TE WILL	Instructional safeguards	TEX LIET ALIER MITE	N/A
et aliet	Equipment safeguard prevent ordinary person to RS2	the text text text	_
TEX	Means to actively inform user of increase sound pressure	into the text of	_
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Equipment safeguard prevent ordinary person to RS2	TE WALL MALL WALL WALL	_
10.6.5	Requirements for listening devices (headphones, earphones, etc.)	White White White White	N/A
10.6.5.1	Corded passive listening devices with analog input	Whitek whitek whitek white w	N/A
WALTER	Input voltage with 94 dB(A) L _{Aeq} acoustic pressure output	LIEK WILEK MUTEK MUTEK MU	_
10.6.5.2	Corded listening devices with digital input		N/A
71, 71,	Maximum dB(A)	the action with which was	_



Reference No.: WTF22D04078625Y Page 19 of 58

" WILL	IEC/EN 62	2368-1	
Clause	Requirement – Test	Result – Remark	Verdict
10.6.5.3	Cordless listening device	Water Mail Mail Mail	N/A
White M	Maximum dB(A)	Et JER NITER MITE	- unit

В	NORMAL OPERATING CONDITION TESTS, A CONDITION TESTS AND SINGLE FAULT CO		Nº P
B.2	Normal Operating Conditions	TEX LIEX NLIER MITE	In City Pro
B.2.1	General requirements	(See summary of testing& appended test tables)	Р
JEH.	Audio Amplifiers and equipment with audio amplifiers	No audio amplifier circuits	N/A
B.2.3	Supply voltage and tolerances	WALLE WALL MAL MAL	N/A
B.2.5	Input test	(See appended table B.2.5)	J P
B.3	Simulated abnormal operating conditions	White Mure and and	P
B.3.1	General requirements	(See appended table B.3)	P.O
B.3.2	Covering of ventilation openings	Viz. Mr. Mr. Mr. A	N/A
B.3.3	D.C. mains polarity test	et let let litt illt si	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)	P
B.3.6	Reverse battery polarity		N/A
B.3.7	Abnormal operating conditions as specified in Clause E.2.	UNLIE WALLE WALLE	N/A
B.3.8	Safeguards functional during and after abnormal operating conditions	All safeguards remained effective.	I PI
B.4	Simulated single fault conditions	and the state of	P
B.4.2	Temperature controlling device open or short-circuited	No such controlling device	N/A
B.4.3	Motor tests	No motors used	N/A
B.4.3.1	Motor blocked or rotor locked increasing the internal ambient temperature	THE STEE STEEL STREET	N/A
B.4.4	Short circuit of functional insulation	(See appended table B.4)	+ Pa
B.4.4.1	Short circuit of clearances for functional insulation	(See appended table B.4)	Р
B.4.4.2	Short circuit of creepage distances for functional insulation	(See appended table B.4)	unt P
B.4.4.3	Short circuit of functional insulation on coated printed boards	MITER WHITE WHITER	N/A
B.4.5	Short circuit and interruption of electrodes in tubes and semiconductors	(See appended table B.4)	N/A
B.4.6	Short circuit or disconnect of passive components	(See appended table B.4)	Par

of 58

Reference No.: WTF22D04078625Y Page 20 of 58

IEC/EN 62368-1			Man Pot	
Clause	Requirement – Test	Result – Remark	Verdict	
B.4.7	Continuous operation of components	Not intermittent or short-time operation equipment	N/A	
B.4.8	Class 1 and Class 2 energy sources within limits during and after single fault conditions	when the text text	N/A	
B.4.9	Battery charging under single fault conditions	WILL MILL AND AND	N/A	
С	UV RADIATION		N/A	
C.1	Protection of materials in equipment from UV radiation	No UV radiation within the EUT.	N/A	
C.1.2	Requirements	LIER WILL MILL MILL MILL	N/A	
C.1.3	Test method	and the set of	N/A	
C.2	UV light conditioning test	antil matte ant mate	N/A	
C.2.1	Test apparatus	at all all all	N/A	
C.2.2	Mounting of test samples	Will Mar Mar Mar	N/A	
C.2.3	Carbon-arc light-exposure apparatus	THE ATT THE CHIEF IS	N/A	
C.2.4	Xenon-arc light exposure apparatus	with mur mur and an	N/A	
D	TEST GENERATORS		N/A	
D.1	Impulse test generators	in my my	N/A	
D.2	Antenna interface test generator	ALIER MITE	N/A	
D.3	Electronic pulse generator		N/A	
E	TEST CONDITIONS FOR EQUIPMENT CONT	AINING AUDIO AMPLIFIERS	N/A	
E.1	Audio amplifier normal operating conditions	m m m	N/A	
	Audio signal voltage (V)	LIEK SLIEK WITER WHITE WAS	_	
,et	Rated load impedance (Ω)		_	
E.2	Audio amplifier abnormal operating conditions	EX SLIET WITE WILL WALL	N/A	
F	EQUIPMENT MARKINGS, INSTRUCTIONS, A SAFEGUARDS	ND INSTRUCTIONAL	INLITE'P	
F.1	General requirements	the in the	Р	
Mrs	Instructions – Language	Instructions in English are checked	_	
F.2	Letter symbols and graphical symbols	the the state with mil	Р	
F.2.1	Letter symbols according to IEC60027-1	Mr. Mr. Mr.	Р	
F.2.2	Graphic symbols IEC, ISO or manufacturer specific	MULTER WALTER WALTER WALTER	unitiP u	
F.3	Equipment markings	at let the the	LIFE PUR	
F.3.1	Equipment marking locations	Located on the enclosure surface	Р	
F.3.2	Equipment identification markings	THE THE THE STILL AND	Р	
F.3.2.1	Manufacturer identification	See copy of marking plate	_	
F.3.2.2	Model identification	See page 1 for details	_	



Reference No.: WTF22D04078625Y Page 21 of 58

Clause	Requirement – Test	Result – Remark	Verdict
Clause	Nequilement – Test	result – Remark	Verdict
F.3.3	Equipment rating markings	See copy of marking plate	Р
F.3.3.1	Equipment with direct connection to mains	Et JET STEE MITE ON	N/A
F.3.3.2	Equipment without direct connection to mains	See copy of marking plate	Р
F.3.3.3	Nature of supply voltage	DC	_
F.3.3.4	Rated voltage	. See copy of marking plate	_
F.3.3.4	Rated frequency	TITEL WALLE WALLE WALLE	<u> </u>
F.3.3.6	Rated current or rated power	. See copy of marking plate	. –
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	MUTTER MUTE MUTE AUTO	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 switch	N/A
F.3.5.3	Replacement fuse identification and rating markings	Will My And A	N/A
F.3.5.4	Replacement battery identification marking	TEX WITE WITE MULT MAI	N/A
F.3.5.5	Terminal marking location	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A
F.3.6	Equipment markings related to equipment classification	Muri Muri	N/A
F.3.6.1	Class I Equipment	LIFE OUT MILL MALIE	N/A
F.3.6.1.1	Protective earthing conductor terminal	an an at the	N/A
F.3.6.1.2	Neutral conductor terminal	LIER WILL MILLE MULL AND	N/A
F.3.6.1.3	Protective bonding conductor terminals		N/A
F.3.6.2	Class II equipment (IEC60417-5172)	er with white Mut. Mur.	N/A
F.3.6.2.1	Class II equipment with or without functional earth	THE STIFF MITEL WHITE	N/A
F.3.6.2.2	Class II equipment with functional earth terminal marking	THE TEX STEEL STEEL	N/A
F.3.7	Equipment IP rating marking	. IPX0	_
F.3.8	External power supply output marking	TEX TEX STEE WITE ON	N/A
F.3.9	Durability, legibility and permanence of marking	t it til tilt til	P.
F.3.10	Test for permanence of markings	Mer Mer Mr. Mr.	Р
F.4	Instructions	- Let Jet Jiet Willer	P _N
t alter	a) Equipment for use in locations where children not likely to be present – marking	who we all the text	N/A
20, 3	b) Instructions given for installation or initial use	Will Mur aug a	Р
CIER .	c) Equipment intended to be fastened in place	1 A A A A A	N/A



Reference No.: WTF22D04078625Y Page 22 of 58

IEC/EN 62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
NATER OF	d) Equipment intended for use only in restricted access area	et est test steet	N/A
irek muri	e) Audio equipment terminals classified as ES3 and other equipment with terminals marked in accordance F.3.6.1	THEY SLIET WILEY	N/A
ct set	f) Protective earthing employed as safeguard	711 711 7	N/A
Aller	g) Protective earthing conductor current exceeding ES2 limits	UNLIER WALTER WALTE WAS	N/A
White w	h) Symbols used on equipment	TEX TEX LIFE NUTE	N/A
LITER IN	i) Permanently connected equipment not provided with all-pole mains switch	* the the ties	N/A
r Tek Je	j) Replaceable components or modules providing safeguard function	mur mr mr	N/A
F.5	Instructional safeguards	WILL MULL MULL M	P _{VI}
MUNITER.	Where "instructional safeguard" is referenced in the test report it specifies the required elements, location of marking and/or instruction	NITER WHITEK WHITEK WHI	IN THE PLEE
G	COMPONENTS		Р
G.1	Switches	141. 141. 12.	N/A
G.1.1	General requirements	No switch used	N/A
G.1.2	Ratings, endurance, spacing, maximum load	3 7	N/A
G.2	Relays	LIFE WITE WILL WI	N/A
G.2.1	General requirements	711. 21.	N/A
G.2.2	Overload test	LIER WILL MULTE WALL	N/A
G.2.3	Relay controlling connectors supply power	e at at at	N/A
G.2.4	Mains relay, modified as stated in G.2	EN WHILL WALL WALL	N/A
G.3	Protection Devices	at at let	N/A
G.3.1	Thermal cut-offs	antit water water w	N/A
G.3.1.1a) &b)	Thermal cut-outs separately approved according to IEC 60730 with conditions indicated in a) & b)	Writer Muries Muries Aut	N/A
G.3.1.1c)	Thermal cut-outs tested as part of the equipment as indicated in c)	TEX WHITE WHITE WHITE	N/A
G.3.1.2	Thermal cut-off connections maintained and secure	t writer writer	N/A
G.3.2	Thermal links	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A
G.3.2.1a)	Thermal links separately tested with IEC 60691	No thermal link used	N/A
G.3.2.1b)	Thermal links tested as part of the equipment	LIER MITER MALLE MALL	N/A
TEX.	Aging hours (H)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- All -
21/2 21/	Single Fault Condition	Et alie with wall	Mr



Reference No.: WTF22D04078625Y Page 23 of 58

" alex	IEC/EN 623	68-1	are are
Clause	Requirement – Test	Result – Remark	Verdict
- War	Test Voltage (V) and Insulation Resistance	THE WILL WALL THE M	1011
	(Ω)	at let tet steet all	e
G.3.3	PTC Thermistors	No PTC used	N/A
G.3.4	Overcurrent protection devices	- TEN TEN STEEL STEEL	N/A
G.3.5	Safeguards components not mentioned in G.3.	1 to G.3.5	N/A
G.3.5.1	Non-resettable devices suitably rated and marking provided	MITER WALLEY WALLEY WALLEY	N/A
G.3.5.2	Single faults conditions	(See appended Table B.4)	N/A
G.4	Connectors	the Marian Marian	N/A
G.4.1	Spacings	Not directly connected to mains	N/A
G.4.2	Mains connector configuration	Mr. Mr. M. M.	N/A
G.4.3	Plug is shaped that insertion into mains socket-outlets or appliance coupler is unlikely	Whitek Whitek Whitek Whiteh	N/A
G.5	Wound Components	at at all diff	N/A
G.5.1	Wire insulation in wound components	WELL PHE THE ME IN	N/A
G.5.1.2 a)	Two wires in contact inside wound component, angle between 45° and 90°	TEX MITTER WATER WATER WATER	N/A
G.5.1.2 b)	Construction subject to routine testing	THE THE	N/A
G.5.2	Endurance test on wound components	2 July July	N/A
G.5.2.1	General test requirements	The state of the	N/A
G.5.2.2	Heat run test	min me me me	N/A
WITE.	Time (s)	LEK TEK TEK STEEK OF	<u> </u>
- C	Temperature (°C)	is the the in in	_
G.5.2.3	Wound Components supplied by mains	ER TER STER STER WIT	N/A
G.5.3	Transformers	The Au The Au	N/A
G.5.3.1	Requirements applied (IEC61204-7, IEC61558-1/-2, and/or IEC62368-1)	WALTER WALTER WALTER WALTER	N/A
IN ITE	Position	the tel tel state	<i>c</i> –
76	Method of protection	in my my my	_
G.5.3.2	Insulation	TEX ITEX LITER OLITER AND	N/A
et .	Protection from displacement of windings	111. 111. 11. 11.	<u> </u>
G.5.3.3	Overload test	A STEE WILL WILL WILL	N/A
G.5.3.3.1	Test conditions	The The Table	N/A
G.5.3.3.2	Winding Temperatures testing in the unit	WITE WITE WALTE WALL	N/A
G.5.3.3.3	Winding Temperatures – Alternative test method	THE LIFE SLIFE SLIFER AND	N/A
G.5.4	Motors	W. M. M. M.	N/A
G.5.4.1	General requirements	No motors used	N/A



Reference No.: WTF22D04078625Y Page 24 of 58

2/1/2	IEC/EN 623	68-1	The appropriate
Clause	Requirement – Test	Result – Remark	Verdict
- elle	Position	THE WILL WILL THE	" ur ur
G.5.4.2	Test conditions	A 18 18 5°	N/A
G.5.4.3	Running overload test	in the me	N/A
G.5.4.4	Locked-rotor overload test	- 11 11 54	- 4 ^V - 4 ^V - 6
G.5.4.4		anti, anti, anti	N/A
<u> </u>	Test duration (days)	at at at	
G.5.4.5	Running overload test for d.c. motors in secondary circuits	min my my m	N/A
G.5.4.5.2	Tested in the unit	THE STIFF MITTER WAY	N/A
	Electric strength test (V)	40 70 70	_ <u></u>
G.5.4.5.3	Tested on the Bench – Alternative test method; test time (h)	MULIE MULLE MILL	N/A
The WALTE	Electric strength test (V)	THE LIFE SLIFE	WILL I
G.5.4.6	Locked-rotor overload test for d.c. motors in secondary circuits	Mr. Mr. Mr.	N/A
G.5.4.6.2	Tested in the unit	ur mur me m	N/A
WITE N	Maximum Temperature	at let let il	N/A
<u></u>	Electric strength test (V)	The Thirty	N/A
G.5.4.6.3	Tested on the bench – Alternative test method; test time (h)	THE WALLE	N/A
EK RLIE	Electric strength test (V)		N/A
G.5.4.7	Motors with capacitors	weight men men a	N/A
G.5.4.8	Three-phase motors	at at all i	N/A
G.5.4.9	Series motors	ice me me me	N/A
INLIES ON	Operating voltage	ex rex stex ste	nite _
G.6	Wire Insulation	The Angelow	N/A
G.6.1	General	THE LIEF NITE	N/A
G.6.2	Solvent-based enamel wiring insulation	The Angelone	N/A
G.7	Mains supply cords	TER STER WITE IN	N/A
G.7.1	General requirements		N/A
Mrs. M	Type	TER STEE WITE SINI	uni _
Alt A	Rated current (A)	211 211 27	
14. 14.	Cross-sectional area (mm²), (AWG)	WITE WILL WAIT	Mr. I
G.7.2	Compliance and test method	at the site	N/A
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	MUTTE MUTE MUTE	N/A
G.7.3.2	Cord strain relief	LIE MITE WALLE WA	N/A
G.7.3.2.1	Requirements		N/A



Reference No.: WTF22D04078625Y Page 25 of 58

IEC/EN 62368-1			
Clause	Requirement – Test	Result – Remark	Verdict
	Strain relief test force (N)	FIET METE METE METE	10, 00
G.7.3.2.2	Strain relief mechanism failure	ex sex sex sizes	N/A
G.7.3.2.3	Cord sheath or jacket position, distance (mm)	The same say	7 -
G.7.3.2.4	Strain relief comprised of polymeric material	- TEL LIE OLIEK	N/A
G.7.4	Cord Entry	The Mr. M. W.	N/A
G.7.5	Non-detachable cord bend protection	LIER SLIER WILLER WALLE	N/A
G.7.5.1	Requirements	in in in	N/A
G.7.5.2	Mass (g)	ITEX RETEX MILES MILES	71/12 - C.
All C	Diameter (m)		At _
10. 14.	Temperature (°C)		_
G.7.6	Supply wiring space	A St St	N/A
G.7.6.2	Stranded wire	write write will was	N/A
G.7.6.2.1	Test with 8 mm strand	A AT AT 50	N/A
G.8	Varistors	international river	N/A
G.8.1	General requirements	at all all state	N/A
G.8.2	Safeguard against shock	The The The	N/A
G.8.3	Safeguard against fire	ALL CALLERY OF	N/A
G.8.3.2	Varistor overload test		N/A
G.8.3.3	Temporary overvoltage	LIE ALTE MALL WALL	N/A
G.9	Integrated Circuit (IC) Current Limiters	in in it is	N/A
G.9.1 a)	Manufacturer defines limit at max. 5A.	No such IC used	N/A
G.9.1 b)	Limiters do not have manual operator or reset	1 1 1 1	N/A
G.9.1 c)	Supply source does not exceed 250 VA	ET WITE WILL AND A	10,
G.9.1 d)	IC limiter output current (max. 5A)	at at the .	(Et _
G.9.1 e)	Manufacturers' defined drift	MULL MULL MULL MULL	_
G.9.2	Test Program 1	at at the the	N/A
G.9.3	Test Program 2	Will Mary Mary Might	N/A
G.9.4	Test Program 3	LEK TEK TEK STER	N/A
G.10	Resistors	r mr m m	N/A
G.10.1	General requirements	No such resistors used	N/A
G.10.2	Resistor test	The The Town	N/A
G.10.3	Test for resistors serving as safeguards between the mains and an external circuit consisting of a coaxial cable	WHITE WHITE WHITE WHI	N/A
G.10.3.1	General requirements	Free Murit, Muri, Muri	N/A
G.10.3.2	Voltage surge test	1 At at at	N/A



Reference No.: WTF22D04078625Y Page 26 of 58

	IEC/EN 6230	68-1	
Clause	Requirement – Test	Result – Remark	Verdict
2/2	in an an an area	LIET SLIE SALTE SALTE SALTE	, m
G.10.3.3	Impulse test	, m, n,	N/A
G.11	Capacitor and RC units		N/A
G.11.1	General requirements	The state of	N/A
G.11.2	Conditioning of capacitors and RC units	SITE ONLY WALL SUPLY	N/A
G.11.3	Rules for selecting capacitors	In the set of	N/A
G.12	Optocouplers	WITER WILL WHILE MINES AN	N/A
	Optocouplers comply with IEC 60747-5-5:2007 Spacing or Electric Strength Test (specify option and test results)	TEX MUTEX MUTEX MUTEX WATE	N/A
CLIER WILL	Type test voltage Vini	at left life life	
	Routine test voltage, Vini,b	The Mr. M. M.	_
G.13	Printed boards	THE SEP STEP WITE.	NET PUT
G.13.1	General requirements	Approved Printed board used	L P
G.13.2	Uncoated printed boards	TEX LIER SLIER WITE W	Р
G.13.3	Coated printed boards	W. M. M. A.	N/A
G.13.4	Insulation between conductors on the same inner surface	TEX WHITE WHITE WHITE WHITE	N/A
VILL MULL	Compliance with cemented joint requirements (Specify construction)	Complied with clause 5.4.4.5 item c)	_
G.13.5	Insulation between conductors on different surfaces	MITE WILL WILLER WILLER	N/A
t TEX	Distance through insulation	a state of	N/A
m n	Number of insulation layers (pcs)	File MULL MULL MULL MULL MULL	_
G.13.6	Tests on coated printed boards	at the title of	N/A
G.13.6.1	Sample preparation and preliminary inspection	with the Me M	N/A
G.13.6.2a)	Thermal conditioning	et let let liet	N/A
G.13.6.2b)	Electric strength test	with the Me Me.	N/A
G.13.6.2c)	Abrasion resistance test	of let let like like o	N/A
G.14	Coating on components terminals	her me me me	N/A
G.14.1	Requirements	(See G.13)	N/A
G.15	Liquid filled components	in the the time to	N/A
G.15.1	General requirements	t ifet stiet stiet with	N/A
G.15.2	Requirements	Mr. Mr. An.	N/A
G.15.3	Compliance and test methods	THE STEE WITH WALTER A	N/A
G.15.3.1	Hydrostatic pressure test	The same of	N/A
G.15.3.2	Creep resistance test	LIER SLIER WILLES WILLEN	N/A
G.15.3.3	Tubing and fittings compatibility test		N/A
G.15.3.4	Vibration test	Et liet with which while	N/A



Reference No.: WTF22D04078625Y Page 27 of 58

01	IEC/EN 6236	" 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mar Pat
Clause	Requirement – Test	Result – Remark	Verdict
G.15.3.5	Thermal cycling test	With the the	N/A
G.15.3.6	Force test	ER LIER WIFE WIFE	N/A
G.15.4	Compliance	711 211 21	N/A
G.16	IC including capacitor discharge function (IC	X) contraction of the contractio	N/A
a)	Humidity treatment in accordance with sc5.4.8 – 120 hours	TEX STEX SUITER OF	N/A
b)	Impulse test using circuit 2 with Uc = to transient voltage	and an an an	N/A
C1)	Application of ac voltage at 110% of rated voltage for 2.5 minutes	it was any an	N/A
C2)	Test voltage	IN WHITE WALL WALL	Mrs. —
D1)	10,000 cycles on and off using capacitor with smallest capacitance resistor with largest resistance specified by manufacturer	MULTER MULTER MULTER W	N/A
D2)	Capacitance	TEX LIFE OUTER ONLY	
D3)	Resistance	Un Au Au	_
Н	CRITERIA FOR TELEPHONE RINGING SIGNA	ALS	N/A
H.1	General		N/A
H.2	Method A	MALTE V	N/A
H.3	Method B		N/A
H.3.1	Ringing signal	WILL WALLE MALL MY	N/A
H.3.1.1	Frequency (Hz)	a state of	* 5 –
H.3.1.2	Voltage (V)	Life while whi whi	- n
H.3.1.3	Cadence; time (s) and voltage (V)	et let let liet	
H.3.1.4	Single fault current (Ma):	Aur. Aur. Aug.	
H.3.2	Tripping device and monitoring voltage	TEN TEN LIER	N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage complied with	and and and a	N/A
H.3.2.2	Tripping device	write man war war	N/A
H.3.2.3	Monitoring voltage (V)	at all the life	·
J	INSULATED WINDING WIRES FOR USE WITH INSULATION	HOUT INTERLEAVED	N/A
12. 20.	General requirements	White with me	N/A
K	SAFETY INTERLOCKS		N/A
K.1	General requirements	white mer and m	N/A
K.2	Components of safety interlock safeguard mechanism	STEET WITH WILLEST WILL	N/A
K.3	Inadvertent change of operating mode	s at at all	N/A
K.4	Interlock safeguard override	it with will will	N/A



Reference No.: WTF22D04078625Y Page 28 of 58

201	IEC/EN 623	68-1	11. 24.
Clause	Requirement – Test	Result – Remark	Verdict
ahr.	Mr. M. M. J.	TEX WIFE WILL MAN	- m
K.5	Fail-safe	. 10, 1	N/A
Wer M	Compliance	HE STEE WILL MILL MILL	N/A
K.6	Mechanically operated safety interlocks	In the state of	N/A
K.6.1	Endurance requirement	alter miter while while	N/A
K.6.2	Compliance and Test method	in the set	N/A
K.7	Interlock circuit isolation	WITE WILL WALL MILL WILL W	N/A
K.7.1	Separation distance for contact gaps & interlock circuit elements (type and circuit location)	TEX MUTER WATER MUTER WAT	N/A
K.7.2	Overload test, Current (A)	at the test street outle	N/A
K.7.3	Endurance test	Mr. Mr. M. M.	N/A
K.7.4	Electric strength test	TEL TEL TEL STEE	N/A
L	DISCONNECT DEVICES		N/A
L.1	General requirements	TEX LIEX NUTE ONLINE AN	N/A
L.2	Permanently connected equipment	10 M M M	N/A
L.3	Parts that remain energized	TEX LIFE OLITER MITE MILL	N/A
L.4	Single phase equipment		N/A
L.5	Three-phase equipment	THE MALL WALL	N/A
L.6	Switches as disconnect devices	The set	N/A
L.7	Plugs as disconnect devices	WILL WILL MILL MILL OF	N/A
L.8	Multiple power sources	and the second	N/A
М	EQUIPMENT CONTAINING BATTERIES AND	THEIR PROTECTION CIRCUITS	Р
M.1	General requirements	and the state of	Р
M.2	Safety of batteries and their cells	autic mit mit mit	N/A
M.2.1	Requirements	at at let the	N/A
M.2.2	Compliance and test method (identify method).	white mit me me.	N/A
M.3	Protection circuits	at let let let	TE PA
M.3.1	Requirements	With Must Aug Any	Р
M.3.2	Tests	(See appended table M)	P
3, ,	- Overcharging of a rechargeable battery	The Mr. Mr. A.	N/A
WELL AV	- Unintentional charging of a non-rechargeable battery	A MILIER WHITEK WHITE WHITE	un ^L P
IEK OLIE	- Reverse charging of a rechargeable battery	at telt telt steet	N/A
7,0	- Excessive discharging rate for any battery	Were Mer Mer Aug 1	Р
M.3.3	Compliance	(See appended table M)	Р
M.4	Additional safeguards for equipment containing secondary lithium battery	of the same and the	N/A



Reference No.: WTF22D04078625Y Page 29 of 58

Clause	Requirement – Test	Result – Remark	Verdict
- 11 - 1		the the state with	100.000
M.4.1	General	h h h	N/A
M.4.2	Charging safeguards	LET LIFE SLIFE WIFE W	N/A
M.4.2.1	Charging operating limits	241 141	N/A
M.4.2.2a)	Charging voltage, current and temperature	. (See appended table M.4)	N/A
M.4.2.2 b)	Single faults in charging circuitry	. (See appended table M.4)	N/A
M.4.3	Fire Enclosure	alite wife with whi	N/A
M.4.4	Endurance of equipment containing a secondary lithium battery	TEX STEX STEX MITEX	N/A
M.4.4.2	Preparation	711 211 4	N/A
M.4.4.3	Drop and charge/discharge function tests	EX SITER STIFE SPITE SUN	N/A
at all	Drop	211 211	N/A
nu Mur	Charge	STEE WITE WALL WALL	N/A
the Text	Discharge	The state of the s	N/A
M.4.4.4	Charge-discharge cycle test	NUTER WALL WALL WALL	N/A
M.4.4.5	Result of charge-discharge cycle test	a start all	N/A
M.5	Risk of burn due to short circuit during carrying	TE WHITE WHITE WAY OF	N/A
M.5.1	Requirement	White was	N/A
M.5.2	Compliance and Test Method (Test of P.2.3)	+ A	N/A
M.6	Prevention of short circuits and protection from other effects of electric current	MULTER MALTE WALL WALL	N/A
M.6.1	Short circuits	THE STILL STILL STILL	N/A
M.6.1.1	General requirements	1 24 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A
M.6.1.2	Test method to simulate an internal fault	EX SLIER WILLE WHILL W	N/A
M.6.1.3	Compliance (Specify M.6.1.2 or alternative method)	The lifet outsit out	N/A
M.6.2	Leakage current (Ma)	The An An An	N/A
M.7	Risk of explosion from lead acid and NiCd batteries	Writer Marie Marie Marie	N/A
M.7.1	Ventilation preventing explosive gas concentration	LIER WILLER WILLIAM	N/A
M.7.2	Compliance and test method	a state of the	N/A
M.8	Protection against internal ignition from external spark sources of lead acid batteries	MULL MULL MAN	N/A
M.8.1	General requirements	WITE WILL WILL MILL	N/A
M.8.2	Test method	The state of	N/A
M.8.2.1	General requirements	RITER WITE WALL WALLE	N/A
M.8.2.2	Estimation of hypothetical volume Vz (m³/s)	4 4	



Reference No.: WTF22D04078625Y Page 30 of 58

720	IEC/EN 623	The state of the s	
Clause	Requirement – Test	Result – Remark	Verdict
M.8.2.3	Correction factors	Fig. Ang. Ang. Ang. Mar.	-70,
M.8.2.4	Calculation of distance d (mm)	EX TEX TEX STEEL WITH	
M.9	Preventing electrolyte spillage	in the the the	N/A
M.9.1	Protection from electrolyte spillage	- ITEL LIET NITER MITTER	N/A
M.9.2	Tray for preventing electrolyte spillage	The file in the	N/A
M.10	Instructions to prevent reasonably foreseeable misuse (Determination of compliance: inspection, data review; or abnormal testing)	miter miter miter miter	N/A
N	ELECTROCHEMICAL POTENTIALS	AV AV AV	N/A
alter in	Metal(s) used	at let let let liter	_
0	MEASUREMENT OF CREEPAGE DISTANCE		N/A
LIE MILL	Figures O.1 to O.20 of this Annex applied	Considered	_
Р	SAFEGUARDS AGAINST ENTRY OF FOREIGNITERNAL LIQUIDS		TEK P
P.1	General requirements	Vr. Mr. M. M. M.	Р
P.2.2	Safeguards against entry of foreign object	tex itex liter active mail	Р
NLTEX WILL	Location and Dimensions (mm)	The openings are located on enclosure back side. Dimensions: with 2.0mm width.	_
P.2.3	Safeguard against the consequences of entry of foreign object	nute unit while w	LI PIN
P.2.3.1	Safeguards against the entry of a foreign object	THE SLITE BLIEF WILLEST WILL	er Pre
et.	Openings in transportable equipment	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P
mrs m	Transportable equipment with metalized plastic parts	THE WALL WALL WALL WALL	N/A
P.2.3.2	Openings in transportable equipment in relation to metallized parts of a barrier or enclosure (identification of supplementary safeguard)	united white united white	N/A
P.3	Safeguards against spillage of internal liquids	No internal liquids.	N/A
P.3.1	General requirements	TER OUTER WITE WALTE WALTE	N/A
P.3.2	Determination of spillage consequences	The state of	N/A
P.3.3	Spillage safeguards	MILE WALL WALL WALL	N/A
P.3.4	Safeguards effectiveness	a de de de	N/A
P.4	Metallized coatings and adhesive securing parts	No metallized coatings or adhesive securing parts.	N/A
P.4.2 a)	Conditioning testing	LIER OLIER MOLIER MOLIER WAL	N/A
At .	Tc (°C)		_
Wer all	Tr (°C)	ER STEE WITE WITE WALL	_



Reference No.: WTF22D04078625Y Page 31 of 58

Clause	Requirement – Test	Result – Remark	Verdict
Oladoc	Trequirement Fest	Troodic Tromanc	Volulot
t	Ta (°C)	or Mr. My My	_
P.4.2 b)	Abrasion testing	EX LIEX NLTER MITE MI	N/A
P.4.2 c)	Mechanical strength testing	711 711 71	N/A
Q	CIRCUITS INTENDED FOR INTERCONNECT	ION WITH BUILDING WIRING	N/A
Q.1	Limited power sources	(See table annex Q1)	N/A
Q.1.1 a)	Inherently limited output	CLIEB WITE WITE WILL	N/A
Q.1.1 b)	Impedance limited output	a state	N/A
NITEK UN	- Regulating network limited output under normal operating and simulated single fault condition	the military the off	N/A
Q.1.1 c)	Overcurrent protective device limited output	mer mer me m	N/A
Q.1.1 d)	IC current limiter complying with G.9	THE JET JIET WITE	N/A
Q.1.2	Compliance and test method	my my my	N/A
Q.2	Test for external circuits – paired conductor cable	NITER WHITE WHITE WHITE	N/A
WITE OF	Maximum output current (A)	et let let liter of	5° —
4),,	Current limiting method	e were my my	_
R	LIMITED SHORT CIRCUIT TEST		N/A
R.1	General requirements		N/A
R.2	Determination of the overcurrent protective device and circuit	WALTE WALTE WALTE	N/A
R.3	Test method Supply voltage (V) and short-circuit current (A)).	LIER WILLER WILLER WILLER W	N/A
S	TESTS FOR RESISTANCE TO HEAT AND FII	RE	N/A
S.1	Flammability test for fire enclosures and fire barrier materials of equipment where the steady state power does not exceed 4 000 W	THE THE TIPE MITTER	N/A
4 2+	Samples, material	Mr. Mr. Mr. A.	_
NACT .	Wall thickness (mm)	THE SITES ONLY MITTERS	ni —
, et	Conditioning (°C)	1. 20, 2, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	_
MULT A	Test flame according to IEC 60695-11-5 with conditions as set out	THE WALTER WALTER WALTER WA	N/A
Ville MV	- Material not consumed completely	A LIER SLIER SLIER SINLY	N/A
at a	- Material extinguishes within 30s	m. m. m.	N/A
MULL	- No burning of layer or wrapping tissue	LIER WITE WITE WALL	N/A
S.2	Flammability test for fire enclosure and fire barrier integrity	THE THE LIES STILL	N/A
26	Samples, material	in the man	
. LT . 11	Wall thickness (mm)	at the text the time of	·



Reference No.: WTF22D04078625Y Page 32 of 58

Kelelelice	NO W1F22D040760251	Page 32 01 50	10 10 10 10 10 10 10 10 10 10 10 10 10 1
" Mus	m m m	IEC/EN 62368-1	VII MUR MAR
Clause	Requirement – Test	Result – Remark	Verdict
de	Mr. Mr. D.	CONTRACTOR OF METERS	The William
	Conditioning (°C)		_

<u> </u>			
-1/2	Conditioning (°C)	THE WALL WALL THE	ing one
CLICK I	Test flame according to IEC 60695-11-5 with	at at all all a	N/A
	conditions as set out	in mer mer mer m	
TILE AND	Test specimen does not show any additional hole	JUNITER WALTER WALTER	N/A
S.3	Flammability test for the bottom of a fire enclosure	STEK WITER WITER	N/A
TEX	Samples, material		_
me.	Wall thickness (mm)	LIER WALTE WALL WALL O	u
TEK .	Cheesecloth did not ignite	a state set in	N/A
S.4	Flammability classification of materials	white many man was	N/A
S.5	Flammability test for fire enclosures and fire barrier materials of equipment where the steady state power does not exceed 4 000 W	WHITEK WHITEK WAITEK WALTE	N/A
MILL	Samples, material	Tet lift nite mile	.ur' —
. At	Wall thickness (mm)	IL THE THE TANK	_
Mrs. 1	Conditioning (test condition), (°C)	TEX OLITER WITER WHILE W	_
NLIEK WY	Test flame according to IEC 60695-11-20 with conditions as set out	attet mi	N/A
IEK MITE	After every test specimen was not consumed completely	The state of the s	N/A
t ITEX	After fifth flame application, flame extinguished within 1 min	and and and and	N/A
Т	MECHANICAL STRENGTH TESTS		Р
T.1	General requirements	at at all the	N/A
T.2	Steady force test, 10 N	MULL MULL MULL M	N/A
T.3	Steady force test, 30 N	Not applicable.	N/A
T.4	Steady force test, 100 N	(See appended table T.4)	Р
T.5	Steady force test, 250 N	tek tek tiek stiek	N/A
T.6	Enclosure impact test	Wr. My My M.	N/A
WALLE V	Fall test	TEX STEX STEX SALTER SA	N/A
d	Swing test	Mr. In A	N/A
T.7 🖑	Drop test	(See appended table T.7)	IN P
T.8	Stress relief test	(See appended table T.8)	P
T.9	Impact Test (glass)	No glass used	N/A
T.9.1	General requirements	a at at at	N/A
T.9.2	Impact test and compliance	THE MILL MAIL MILL.	N/A
50	Impact energy (J)	1 de la la	16 1)



Reference No.: WTF22D04078625Y Page 33 of 58

	IEC/EN 62368-1					
Clause	Requirement – Test	Result – Remark	Verdict			
	The Thirty Control of the Control of	et all all all miles	are are			
A+	Height (m)		_			
T.10	Glass fragmentation test	EK SLIEK MLIER MALIE W	N/A			
T.11	Test for telescoping or rod antennas	141 141 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A			
10 M	Torque value (Nm)	ME MITE WALL WALL WALL WALL	_			
U	MECHANICAL STRENGTH OF CATHODE RAY TUBES (CRT) AND PROTECTION AGAINST THE EFECTS OF IMPLOSION					
U.1	General requirements	No CRTs	N/A			
U.2	Compliance and test method for non- intrinsically protected CRTs	White white white white	N/A			
U.3	Protective Screen	THE STEE STEEL	N/A			
V	DETERMINATION OF ACCESSIBLE PAR WEDGES)	TS (FINGERS, PROBES AND	N/A			
V.1	Accessible parts of equipment	very me me me	N/A			
V.2	Accessible part criterion	a state of the	N/A			



Reference No.: WTF22D04078625Y Page 34 of 58

ď	The Mary May and Angel And		IEC/EN 623	68-1	WILLER OF	Vile Miss.
	Clause	Requirement – Test	Lie Maria Ma	Result – Remark	at .	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 62368-1:2014+A11:2017

Attachment Form No...... EU_GD_IEC62368_1B_II

Attachment Originator: Nemko AS

Master Attachment Date 2017-09-22

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	CENELEC COMMON MODIFICATIONS (EN)							
ek antiek	Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62368-1:2014 are prefixed "Z".							
CONTENT	Add the following annexes:							
S White W	Annex ZA (normative)Normative references to international publications with their corresponding European publications Annex ZB (normative)Special national conditions Annex ZC (informative)A-deviations Annex ZD (informative)IEC and CENELEC code designations for flexible cords							
IEK WALTER	Delete all the "country" notes in the reference document (IEC 62368-1:2014) according to the following list:							
	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		
WALTER	10.5.3	Note 2	10.6.2.1	Note 3	F.3.3.6	Note 3		
NUTER INL	For special r	national conditi	ons, see A	nnex ZB.	et et	LIEN SLIE		
TEL MITE	Add the following NOTE Z1 The electrical and within the EU	THE MILIER						



Reference No.: WTF22D04078625Y Page 35 of 58

01	IEC/EN 62368-1						
Clause	Requirement – Test	Result – Remark	Verdict				
4.Z1	Add the following new subclause after 4.9:	STE WITH WITH AND	Р				
	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):	TEX TEX STEEL STEEL	White Whitek				
	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;	ant, more mires mer	EX MULEX MULT				
	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;	Whitek mutek mutek	Whitek Whitek W				
	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.	nitek whitek whitek white	H WHITE WHITE				
EK WALLEY	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.	antife antife whitek whi	nitek mitek mit				
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 unitex unitex united	N/A				
10.2.1	Add the following to c) and d) in table 39: For additional requirements, see 10.5.1.	MULTE MULTE WALL	N/A				



Reference No.: WTF22D04078625Y Page 36 of 58

IEC/EN 62368-1					
Clause	Requirement – Test	Result – Remark	Verdict		
10.5.1	Add the following after the first paragraph: For RS 1 compliance is checked by	THE THE WITH WA	N/A		
	measurement under the following conditions: In addition to the normal operating conditions,	THE WALTE MALL WALL	2012 2012		
	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.	JEEL STEEL WITER MAN	White White White		
	NOTE Z1 Soldered joints and paint lockings are examples of adequate locking.	at left that the	CITES MITES		
	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.	White whitek whitek	Writes Willes W		
	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.	NITER WHITER WHITER WHI	TEK WILLER WILLER		
	For RS1, the dose-rate shall not exceed 1 µSv/h taking account of the background level.	THE STATE OF STREET	MITER MALTER		
	NOTE Z2 These values appear in Directive 96/29/Euratom of 13 May 1996.		At Let		
10.6.1	Add the following paragraph to the end of the subclause:	WHITE WHITE WHITE W	N/A		
	EN 71-1:2011, 4.20 and the related tests methods and measurement distances apply.	LIEK WALTER WALTER WAL	TEL MULL MULL		
10.Z1	Add the following new subclause after 10.6.5.	at at all all	N/A		
	10.Z1 Non-ionizing radiation from radio frequencies in the range 0 to 300 GHz	E WILL MULL MULL	Mr. Mr.		
	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).	MILIER WHITER WHITER	nnerth unerthal was		
	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 WHITE WH	WILLER WALTER		
G.7.1	Add the following note:	Mury Mury Mury a	N/A		
	NOTE Z1 The harmonized code designations corresponding to the IEC cord types are given in Annex ZD.	HITEK WALTER WALTER WA	TER WHITE WHIT		



Reference No.: WTF22D04078625Y Page 37 of 58

IEC/EN 62368-1					
Clause	Requirement – Test	Result – Remark	Verdict		

Olause	Requirement – rest	VCIGICE			
2/2 3		is an			
Bibliograph	Add the following standards:	J - J			
y	Add the following notes for the standards indicated:				
	IEC 60130-9 NOTE Harmonized as EN 60130-9.				
	IEC 60269-2 NOTE Harmonized as HD 60269-2.	" NLTER IN			
	IEC 60309-1 NOTE Harmonized as EN 60309-1.				
Et TEX	IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series.				
W. W.	IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4.				
	IEC 60664-5 NOTE Harmonized as EN 60664-5.				
METER	IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified).	LT MILE			
3	IEC 61508-1 NOTE Harmonized as EN 61508-1.				
LIER OLD	IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1.	EX CLIER II			
11 11	IEC 61558-2-4 NOTE Harmonized as EN 61558-2-4.	211. 21			
LEK LEK	IEC 61558-2-6 NOTE Harmonized as EN 61558-2-6.	TEN J			
ir, aur	IEC 61643-1 NOTE Harmonized as EN 61643-1.	245 21/2			
4 2	IEC 61643-21 NOTE Harmonized as EN 61643-21.				
MALIN	IEC 61643-311 NOTE Harmonized as EN 61643-311.				
	IEC 61643-321 NOTE Harmonized as EN 61643-321.				
SLIFE OF	IEC 61643-331 NOTE Harmonized as EN 61643-331.	TEL WITE.			
ZB	ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN)				
4.1.15	Denmark, Finland, Norway and Sweden Not export to such counties	N/A			
it in	To the end of the subclause the following is added:	TEX S			
MUNITER WAS	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.	WILL WATER			
THE MUTTE	The marking text in the applicable countries shall be as follows:	MULTE WAI			
	In Denmark : "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."	IN THE WALTE			
	In Finland : "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"	LIFE			
NLTEK WILL	In Norway : "Apparatet må tilkoples jordet stikkontakt"	ANLIEK W			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	In Sweden: "Apparaten skall anslutas till jordat	70.			



Reference No.: WTF22D04078625Y Page 38 of 58

	IEC/EN 62368-1				
Clause	Requirement – Test	Result – Remark	Verdict		
-dre	Mr. Mr. Dr. J.	THE LIFE LIFE IN	in the Australia		
4.7.3	United Kingdom	5 m 2 2	N/A		
	To the end of the subclause the following is added:	EX MUTEX WALTER WALTE	White Mulit M		
	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	MULTER WAITER WHITER	MULTER MULTER WILL		
5.2.2.2	Denmark	CHIEF WILL WALL M	N/A		
	After the 2 nd paragraph add the following:	n	at at the		
	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 WALL	THEY SITES ON		





Reference No.: WTF22D04078625Y Page 39 of 58

	IEC/EN 623		7 7
Clause	Requirement – Test	Result – Remark	Verdict
11/2 1		Liter Metry Willy Willy	in in
5.4.11.1 and Annex G	Finland and Sweden To the end of the subclause the following is added:	et milet whilet while	N/A
	For separation of the telecommunication network from earth the following is applicable:	TEX SITES MITES	WALTER WALTER
	If this insulation is solid, including insulation forming part of a component, it shall at least consist of either	WALLER WILES W	THE WILLEY W
	two layers of thin sheet material, each of which shall pass the electric strength test below, or	THE MITTER MITTER MITTER	EK WALTER WALTE
	• one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	A MALTER MALTER MALTER	WALTER WALTER
	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	Whitek whitek whitek whi	WALTER WALTER
	• 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		white while .
	• is subject to routine testing for electric strength during manufacturing, using a test voltage of 1,5Kv.	tet lifet wifet wa	iek mulek muli
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	et witet writet write	WALTER WALTER
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	MILE WHILEK WHILEK	UNITER OUTER
	• 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;	NUTER WHITER WHITER W	EX MILLY MULTE
	• the additional testing shall be performed on all the test specimens as described in EN 60384- 14;	* WILEY WILEY WHIEK	WALTEX WALTEX
	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.	JUNITER MUTER MUTER	MITER WALTER W



Reference No.: WTF22D04078625Y Page 40 of 58

	IEC/EN 623	68-1	ive ave ave
Clause	Requirement – Test	Result – Remark	Verdict
are.	Mr. Mr. Mr. A. C. C.	THE STEE STEE IN	in when when
5.5.2.1	Norway After the 3 rd 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).	EK WHITEK WHITEK	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.	JEEL WATER WHITER WAS	N/A
5.6.1 LEE WILLEY WILL WILLEY WILL W	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	N/A N/A N/A N/A N/A N/A N/A N/A
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.	ANTE WHITE WATER WA	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 WALTER WALTER WALTER	N/A
5.7.5	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.	TEX WHITEK WHITEK WHITEK WHITEK WHITEK WHITEK TEX TEX	N/A



Reference No.: WTF22D04078625Y Page 41 of 58

01-	IEC/EN 623	1.10 10 10 11	Vardict	
Clause	Requirement – Test	Result – Remark	Verdict	
5.7.6.1	Norway and Sweden	ALL WALL AND AND	N/A	
5.7.0.1	To the end of the subclause the following is	1 1 1 1	IN/A	
	added:	TEX STEEL WITE WITE	Wer. Mer.	
	The screen of the television distribution system	20, 20, 2	the extreme	
	is normally not earthed at the entrance of the	THE SET STEET	CLIE WILL W	
	building and there is normally no equipotential	were mer in	70, 2,	
	bonding system within the building. Therefore	a state	TEX TEX S	
	the protective earthing of the building installation needs to be isolated from the	LIFE OLITE WILL W	in any and	
	screen of a cable distribution system.	in in a	4 1 1	
	It is however accepted to provide the insulation	Let Let of the J	LEW WILL WINTER	
	external to the equipment by an adapter or an	it, we are any	20, 20,	
	interconnection cable with galvanic isolator,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- Let Jet	
	which may be provided by a retailer, for	of little River Mile	Mr. Mr.	
	example.	211. 21. 2.	A A	
	The user manual shall then have the following	LET TEX TEX	WITE OLIVE OF	
	or similar information in Norwegian and Swedish language respectively, depending on	MULL MULL MULL	2, 2,	
	in what country the equipment is intended to be	1 tot	TEX SEX S	
	used in:	LITER OLITE WALTER WA	is the the	
	"Apparatus connected to the protective earthing	14. 24. 25. 2	1 1 1	
	of the building installation through the mains	et let let li	ality while	
	connection or through other apparatus with a	The Mar Mar	20, 20,	
	connection to protective earthing – and to a television distribution system using coaxial	Little Control of the	THE THE	
	cable, may in some circumstances create a fire	The little	mr. m. 1	
	hazard. Connection to a television distribution		A de	
	system therefore has to be provided through a		OLIFE WITH MY	
	device providing electrical isolation below a	Mer Mer My M	1. 1.	
	certain frequency range (galvanic isolator, see EN 60728-11)"	the state of	CELL SEX SE	
	NOTE In Norway, due to regulation for CATV-	LIER WITE WILL WA	in me	
	installations, and in Sweden, a galvanic isolator	. 10, 10,	L A At	
	shall provide electrical insulation below 5 MHz.	et let let liet lie	WILL MILL	
	The insulation shall withstand a dielectric	" " All All All All All All All All All	20, 2,	
	strength of 1,5 Kv r.m.s., 50 Hz or 60 Hz, for 1	at at at	TEX SEX	
	min.	WITE WITE WALL.	Mr. 1945 29	
	Translation to Norwegian (the Swedish text will also be accepted in Norway):	24, 20, 2,	at at	
	"Apparater isa I koplet til beskyttelsesjord via	THE THE LIER	Lite in it will	
	nettplugg og/eller via annet jordtilkoplet utstyr –	Mr. Mr. My. M.	30	
	og er tilkoplet et koaksialbasert kabel-TV nett,	a state	ek cist cier	
	kan forårsake brannfare. For å unngå dette	ITE INITE WALL WALL	21/2	
	skal det ved tilkopling av apparater til kabel-TV	20 0	. at at	
	nett isa llers en galvanisk isolator mellom apparatet og kabel-TV nettet."	A TEX LIER LIFE	MITE MALT	
	Translation to Swedish:	Mr. Mr. Mr.	20.	
	"Apparater som är kopplad till skyddsjord via	at at at	TEN TEN	
	jordat vägguttag och/eller via annan utrustning	WITE WALL WALL A	16 21 20	
	och samtidigt är kopplad till kabel-TV nät kan i	24	at at a	
	isa fall medfőra risk főr brand. Főr att undvika	TEX TEX STEE OF	it and and	
	detta skall vid anslutning av apparaten till	WE AME THE THE	37	
	kabel-TV nät galvanisk isolator finnas mellan	1 1 1 1 1	TE TER	
	apparaten och kabel-TV nätet.".	at the the time	The street	

Reference No.: WTF22D04078625Y Page 42 of 58

IEC/EN 62368-1				
Clause	Requirement – Test	Result – Remark	Verdict	
alle.	ar ar ar ar	THE JEB STE SI	is more me	
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.	EX WHITEK WHITEK WHITEK	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	UNLIEK WALTER WALTER WALTER	N/A	
ek antiek	an integral part of the direct plug-in equipment, until the requirements of Annexes B.3.1 and B.4 are met	White Mair whi .	liet wiet w	
G.4.2	Denmark	We are an an	N/A	
	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. 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	TEX WALTER	MILIER WHITER MILIER	
	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	MULTER WALTER WALTER OW	int, while mi	



Reference No.: WTF22D04078625Y Page 43 of 58

	IEC/EN 623	68-1	
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.	TER WILLER WHITE W	N/A
G.7.1 Whitek white Whitek whi	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.	Whitek wh	INTER MANAGER WALES
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	White	Et with white white was a second of the seco
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.	While while while wh	N/A



Reference No.: WTF22D04078625Y Page 44 of 58

Ly Will	The Me 20	IEC/EN 62368-1	MULL MULL MULL
Clause	Requirement – Test	Result – Remark	Verdict

	ANNEX ZC, NATIONAL DEVIATIONS (EN)	
10.5.2	Germany	N/A
	The following requirement applies:	10 x
	For the operation of any cathode ray tube	LIER WITE WILL WA
	intended for the display of visual images operating at an acceleration voltage exceeding	211. 211
	40 Kv, authorization is required, or application	TEX TEX STEE ONLY
	of type approval (Bauartzulassung) and	7. My M. M.
	marking.	et let jet jet
	Justification: German ministerial decree against ionizing	mer mer me
	radiation (Röntgenverordnung), in force since	at at at
	2002-07-01, implementing the European	write with white w
	Directive 96/29/EURATOM.	- A A
	NOTE Contact address: Physikalisch-Technische Bundesanstalt,	LIER RUEL RUEL WAL
	Bundesallee 100,	11 21 1
	D-38116 Braunschweig,	TEX TEX STEP OUTE
	Tel.: Int +49-531-592-6320, Internet: http://www.ptb.de	ir me m



Reference No.: WTF22D04078625Y Page 45 of 58

Mr. Mr. Mr. Aller		IEC/EN 623	368-1	Mr. Mr. M.	
Clause	Requirement – Test	NET WALL OF	Result – Remark	Verdict	

TAB	LE: List of critical co	P.+			
t No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹
m	Sihui Pakko Batteries Co., Ltd	CR2032	3.0V	IEC/EN 62368-1	Test with appliance
arger	Interchangeable	Interchangeable	130°C	IEC/EN 62368-1	Test with appliance
LIFER	Interchangeable	Interchangeable	HB, 60°C, min.thickness:1.5 mm	IEC/EN 62368-1	Test within appliance
,E.K -W	PUTIAN HUAXU ELECTRONIC CO., LTD	60631TTNY	6*6.5CM	IEC/EN 62368-1	Test with appliance
	Interchangeable	Interchangeable	V-0, 130°C	UL 94, UL 796	UL 👉
	t No.	t No. Manufacturer/ trademark Manufacturer/ trademark Manufacturer/ trademark Manufacturer/ trademark Manufacturer/ trademark Interchangeable Interchangeable PUTIAN HUAXU ELECTRONIC CO., LTD	trademark M Sihui Pakko Batteries Co., Ltd Interchangeable Interchangeable Interchangeable Interchangeable PUTIAN HUAXU ELECTRONIC CO., LTD	t No. Manufacturer/ trademark m Sihui Pakko Batteries Co., Ltd Interchangeable Interchangeable Interchangeable Interchangeable Interchangeable Interchangeable Interchangeable Interchangeable PUTIAN HUAXU ELECTRONIC CO., LTD Type / model Technical data 3.0V 3.0V HB, 60°C min.thickness:1.5 mm 6*6.5CM	t No. Manufacturer/ trademark Type / model Technical data Standard Technical data Technical data Standard Technical data

4.8.4, 4.8.5	TABLE: L	ithium coin/button ce	Il batteries mechanical tests	Р
(The follow	ving mechanic	al tests are conducted in	n the sequence noted.)	
4.8.4.2	TABLE: St	ress Relief test	The same and any	_
Par	rt	Material	Oven Temperature (°C)	Comments
Battery	Battery cover Plastic 70		70	No damaged, no hazard.
4.8.4.3	TABLE: Ba	attery replacement tes	Street Williams and And And	_
Battery pa	rt no		CR2032	_
Battery Ins	stallation/with	drawal	Battery Installation/Removal Cycle	Comments
Battery co	ver	white the text	NEW MILES WHIFT WHIFE WHIFE	No damaged, no hazard.
			TE- LET LIE 2 LLET MILIER W	No damaged, no hazard.
			THE THE STATE STATE AND	No damaged, no hazard.
			10 10 10 10 10 10 10 10 10 10 10 10 10 1	No damaged, no hazard.
			W 5 W 5	No damaged, no hazard.
			white white our our war	No damaged, no hazard.
			NITER WALTER TALTE WALLE VIO	No damaged, no hazard.
			THE WALTER WALTER WALTER WALTER	No damaged, no hazard.
			TEX STEX NET 9 MITTER MALTER	No damaged, no hazard.



Reference No.: WTF22D04078625Y

Page 46 of 58

Variet Marie	My May My	IEC/EN 62368-1	White Maile Milit
Clause	Requirement – Test	Result – Remark	Verdict

WITER WHITER WHITER WHITER WHITE		LIFER WALTER WALTER WALTER VI	10	No damaged, no hazard.
4.8.4.4	TABL	E: Drop test	Mur and and	_
Impact Area	a	Drop Distance	Drop No.	Observations
Top sur	rface	1000mm	THE TIES THE MITTER AND	No damaged, no hazard.
Side su	rface	1000mm	the true 2+ nutrit unit	No damaged, no hazard.
Bottom s	urface	1000mm	* TEX STEB STEE MITE	No damaged, no hazard.

4.8.4.5	TABLE: In	mpact test			
Impacts per surface		Surface tested	Impact energy (Nm)	Comments	
Battery co	ver	Top surface	2J(408mm)	No damaged, no hazard.	
Battery cover		Side surface	2J(408mm)	No damaged, no hazard.	
Battery cover		Bottom surface	2J(408mm)	No damaged, no hazard.	
4.8.4.6	TABLE: C	Crush test	At the the state	<u></u> –	
Test posit	tion	Surface tested	Crushing Force (N)	Duration force applied (s)	
Battery cover		Top -	330N	10s	
Battery co	ver	Back	330N	10s	
Supplementa	ry informa	ation:	MULL ME ME ME ME	20, 2,	

4.8.5 TABLE: Lithium coin/button cell batteries mechanical test result						
Test position	Surface tested	Force (N)	Duration force applied (s)			
Battery cover	C TE WILL MILL M. A.	30N	10s			
Battery cover		20N	10s			



Reference No.: WTF22D04078625Y Page 47 of 58

The	IEC/EN 62368-1				
Clause	Requirement – Test	NET WALL OF	Result – Remark	Verdict	

5.2	ТАВІ	E: Classificatio	on of electrical ene	rgy sources	the Cart	alifek mire	P
5.2.2	2.2 – Steady S	State Voltage and	Current conditions				
		Lagation (a.g.		Р			
No.	Supply Voltage	Location (e.g. circuit designation)	Test conditions	U (Vrms or Vpk)	I (Apk or Arms)	Hz	ES Class
ıı.	The MULL	mr. mr.	Normal	5.1V	IEK -JEK	DC	MALL
1	5VDC	Input circuit	Abnormal	m. m	74	- 4	ES1
nia	WILL W	the second	Single fault – SC/OC	White white	MUTATER A	HILE WILL	WALL W
150	white whi	Mrs. Mrs.	Normal	9.1V	John Si	DC	incite whi
2	9VDC	Input circuit	Abnormal	mrmr	in - in		ES1
	a lipti onotit		Single fault – SC/OC	TEX TIEK W	LIER MALTE	MUTTE MY	The white
ari	E. WILL	his me	Normal	5.0V	er Ter	DC	NALT.
3	5VDC Wireless output	Abnormal	we wh			ES1	
Nite		Output	Single fault – SC/OC	NITE!	7 EU	Tier Milite	write w
	untile un	21 2-	Normal	9.0V		DC	ALTE WALF
4	9VDC	Wireless	Abnormal	Vr. 740, 1	1 - m	1 1	ES1
211	The water	output	Single fault – SC/OC	TEX WHITEX WA	TEK LIER	WUTE WUT	MULL
	" WITE VI	in with a	Normal	3.0V	t Jet	DC O	NALTE
5	3VDC	Button cell	Abnormal	mir- mr	742 1		ES1
	MULL MUS	battery	Single fault – SC/OC	MUTEK-WILTER	white wh	SER WATER	
5.2.2	2.3 – Capacita	nce Limits					
	Supply	Location (e.g.		P	arameters		
No.	Voltage	circuit designation)	Test conditions	Capacitance, Nf		Jpk (V)	ES Class
	- NLTER ALL	Lien While M	Normal	·		tet jet	TO STATE OF
1	10, 12,	t # 4	Abnormal:	WILL WHILE	11/27, 21	ve nu	20, - 20,
	MULLER MULL	MULTI MUL	Single fault – SC/OC:	West "Tex	WIZEK WIT	iek whitek	NITER WAL



Reference No.: WTF22D04078625Y Page 48 of 58

IEC/EN 62368-1						
Clause	Requirement – Test	Result – Remark	Verdict			

Location (e.g.					Parameters		
No.	Supply Voltage	circuit designation)	Test conditions	Duration (ms)	Upk (V)	lpk (Ma)	ES Class
EX-	CIENT AU	E MITE MIT	Normal	70, - 2,	7.	ch ch	JEH - J
_<	10, 211,	* **	Abnormal	NITER - MITE	while wit	Must m	201
	TEK WALTER	White White	Single fault – SC/OC	et Tiet	NITEH NITE	MALIEK WAL	WALTER
5.2.2	2.5 – Repetiti	ve Pulses					
	Committee	Location (e.g.			Parameters		
No.	Supply Voltage		Test conditions	Off time (ms)	Upk (V)	lpk (Ma)	ES Class
<i>y</i> -	TEX IN	ALTER MITE	Normal	n -n		* **	all de
7,	Ver Mer	20 20	Abnormal	TEK -NITER	WILL WILL	mr. m	Alle
	EX WALTER	WALTER WALTER	Single fault – SC/OC	et -tet	ITEK LITEK	MITEL MAIN	K WALTER

Normal -

Abnormal -

Supplementary information: SC=Short Circuit, OC=Short Circuit



Reference No.: WTF22D04078625Y Page 49 of 58

Ç	THE WATER	Mrs. mer mer	IEC/EN 623	868-1	LEK WALLER	Will Mills
,	Clause	Requirement – Test	Will Aller Aller	Result – Remark	- 4	Verdict

5.4.1.4, 6.3.2, 9.0, B.2.6	TABLE: Temperature measuren	nents	TEX WITEX	WILLER	LIFEK WALTE	k Pek
TEX SIT	Supply voltage (V)	9Vdc	· - ·	JUS A	ek -jek	_
24	Ambient T _{min} (°C)	23.1	"NITT" "	her -our	71/2	_
TEN DUTE	Ambient T _{max} (°C):	24.7	Ü.	Et -JEH	ali telle (_
2.	T _{ma} (°C)	50.0	ang - an	17/1	10 - 2	
Maximum r part/at:	neasured temperature T of		T (°0	C)		Allowed T _{max} (°C)
DC input te	erminal	63.1	et - et	7.0±	76th 176th	Ref.
CBB body	c of left lifet lifet	66.4	Will.	11/2 11/2	in.	105
L1 winding	MULL MULL MULL AND	73.9	- , e+	JEK JIE	r nater	130
L2 winding	THE THE THE NUTER OF	74.1	14,5 14	2,		130
PCB near U	J1	70.8	cie <u>t</u> si	CH NEITER	WILL MY	130
PCB near U	J2 / fit still no	73.3	n _n			130
PCB near U	J4	78.4	JEK NITE	11/12 W	The Aver	130
PCB near L	J5	74.3			c+ c+	130
Surface of I	outton cell battery	57.5		- Juni	ALL L	Ref.
Internal end	closure near wireless charger	65.9		0.0	- 	Ref.
Internal end	closure near button cell battery	56.3	while whi	21/2	2115 21	Ref.
CLIEB.	Write Write Mrs. Mus. M.	Ajust to 25°0		the Let	LIEK OU	IEM WITE
External en	closure near wireless charger	42.9	Vris -aver	2015 1	10 - 10	77
Screen disp	play which will be a second of the second of	30.1	At - At	STOK N	TEK -NITE	77
External en	closure near button cell battery	28.3	(17)	24 2n	7	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
Alex Mer Mr. An		All C	er 176	NOTE TO	urit. ur	21Vr.	2115 21
Supplementary information:	WILLE W	in m	-10	70	بر بار		SEP S

5.4.1.10.2	1.10.2 TABLE: Vicat softening temperature of thermoplastics				
Penetration	(mm)	CLIFE WILL WALL	The The Th	_	
Object/ Par	t No./Material	Manufacturer/t rademark	T softening (°C)		
A	LEK TEK TEK TIET MI	- "II" - "III" - "III	- A	, cjk	
supplement	ary information:	L at let let	LITER OLITE MITTER OU	11.	



Reference No.: WTF22D04078625Y Page 50 of 58

r	Merch	My My M. W	868-1	WILL T	hit mi	
	Clause	Requirement – Test	MULT AND	Result – Remark	, Eth	Verdict

5.4.1.10.3	TABLE: Ba	: Ball pressure test of thermoplastics					
Allowed impression diameter (mm)			≤ 2 mm	White white	_		
Object/Part	No./Material	Manufacturer/trademark	Test temperature (°C)	Impression dia	ameter (mm)		
in an	20, 2,	T A A A	ALTER WILL WILL W	in mir -	m. m.		
Supplementary information:							

5.4.2.2, 5.4.2.4 and 5.4.3	5.4.2.4 and							N/A	
Clearance (distance (cr)			Up (V)	U r.m.s. (V)	Frequenc y (kHz) ¹	Required cl (mm)	cl (mm) ²	Required cr (mm)	cr (mm)
rie Mer	en,	n,	, - ₂ ,		x -1et	اد. ^{خاکا} ل.	TER WITE	10 12 1	her -whe

Supplementary information:

Note 1: Provide Material Group IIIb

Note 2: BI: basic insulation; SI: supplementary insulation; DI: double insulation; RI: reinforced insulation.

5.4.2.3	TABLE: Minimum Clearances distances using required withstand voltage					
. LTET . C.	Overvoltage Category	(OV):		EX JEX	N. C. T. F. S.	
1, 2,	Pollution Degree:					
Clearance	e distanced between:	Required withstand voltage	Required cl (mm)	Measure	ed cl (mm)	
TEN	SLIFE - NITE WITE WI	. m m.	1 # 15	all s	مان ملك	

Supplementary information:

BI: basic insulation; SI: supplementary insulation; DI: double insulation; RI: reinforced insulation.

1)See appended table 5.4.2.2, 5.4.2.4 and 5.4.3 for measurements.

5.4.2.4 TABLE: Clearances based on electric strength test						
Test voltage applied between:		Required cl (mm)	Test voltage (Kv) peak/ r.m.s. / d.c.	Breakdown Yes / No		
A	LET TEXT TEXT	WILL MET ME	24, 72, 1	x x+		



Reference No.: WTF22D04078625Y Page 51 of 58

IEC/EN 62368-1						
Clause	Requirement – Test	Result – Remark	Verdict			

5.4.4.2, 5.4.4.5 c) 5.4.4.9	4.5 c)						
Distance the insulation di		Peak voltage (V)	Frequency (Hz)	Material	Required DTI (mm)	DTI (mm)	
Et JEt.	LITER IN	The white when a	a,	J. 1	t 15 10	- 512 517	
Supplementary information: *: See appended Table 4.1.2 for details.							

5.4.9	TABLE: Electric strength tests					
Test volta	age applied between:	Voltage shape (AC, DC)	Test voltage (V)	Breakdown Yes / No		
Basic/su	oplementary:	" I All I	A LITER CLIFE WAY	The WALL WALL		
4 .0	t get "get wifet on	TER WALL WALL VIAL	20, 20, 2			
Reinforce	ed:	the state of the	ALIEK MITER MAIR	White white		
. At	TEK ITEK NITEK MITE	MELL MU - MU		1 1th		
	entary information: rnative sources have been cons	sidered.	ALTER WALTER WALTE	ing more a		

.VV.	1 12	1 112	1 0.	اد د	25- 2 / KV			
5.5.2.2	5.5.2.2 TABLE: Stored discharge on capacitors							
(V), Hz Location Condition (N, positio		Switch position On or off	Measured Voltage (after 2 seconds)	ES Classification				
21/25 21	, ,	7"	# At	. J ^{est} . J	ER WITE WALLE	ice muce muce		
Supplement	ary info	rmation:	WILL MUT.	21, 21,	* * *	at let let		
X-capacitors	s installe	ed for testing a	ire:					
Bleeding	resistor	rating:						
☐ ICX:								
Notes:								
A. Test Loca	ation:							
Phase to Ne	eutral; P	hase to Phase	; Phase to Earth	n; and/or Neu	tral to Earth			
B. Operatin	B. Operating condition abbreviations:							
N – Normal	operatir	ng condition (e	.g., normal opera	ation, or oper	n fuse); S –Single fault	condition		

5.6.6.2	TABLE: Resistance	e of protective co	nductors and term	inations	N/A
Accessible part		Test current (A)	Duration (min)	Voltage drop (V)	Resistance (Ω)
		H RLIE WILL	muri - mr.	15. 14. 2	, Z 2
Supplement	tary information:	- L	at alt	TER JIER SUI	THE WALL



Reference No.: WTF22D04078625Y Page 52 of 58

The	Mr. My M.	IEC/EN 623	368-1	min min
Clause	Requirement – Test	NET WALL OF	Result – Remark	Verdict

5.7.2.2, 5.7.4	TABLE: Earthed accessible conduct	N/A	
Supply vo	oltage	ill were mer - me me me	
Location		Test conditions specified in 6.1 of IEC 60990 or Fault Condition No in IEC 60990 clause 6.2.2.1 through 6.2.2.8, except for 6.2.2.7	Touch current (mA)
Metal end	closure	Lite will we we	N/A
		2*	N/A
		it of neith will 3 will whe	N/A
		4	N/A
		te tree wife 5 pil not w	N/A

Supplementary Information:

N/A

Notes:

- [1] Supply voltage is the anticipated maximum Touch Voltage
- [2] Earthed neutral conductor [Voltage differences less than 1% or more]
- [3] Specify method used for measurement as described in IEC 60990 sub-clause 4.3
- [4] IEC60990, sub-clause 6.2.2.7, Fault 7 not applicable.
- [5] (*) IEC60990, sub-clause 6.2.2.2 is not applicable if switch or disconnect device (e.g., appliance coupler) provided.
- N: Normal condition, R: Reverse condition.

6.2.2	Table: Electrical power sources (PS) measurements for classification								
Source	Description	Measurement	Measurement Max Power after 3		PS Classification				
20,	·	Power (W) :	7.20	hr. mr. m	20 20				
A	5V input circuit	V _A (V) :	5.0	at at let	PS1				
	Onodit	I _A (A) :	1.44	in me - me .					
(C)	EL STEEL SOLITE	Power (W) :	14.04	L St.	TEX JEX.				
В	9V input circuit	V _A (V) :	9.0	MULL THE WI	PS1				
		I _A (A) :	1.56						
in,	5V Wireless output	Power (W) :	5.09	multiple shall while	an an				
C		V _A (V) :	4.85	L	PS1				
		I _A (A) :	1.05	LIER MILE MALTE					
<i>A</i>	18 18 S	Power (W) :	10.34	1	24 26 [‡]				
Dark	9V Wireless output	V _A (V) :	8.62	ex strex miles	PS1				
	t diput	I _A (A) :	1.20	20,	£ ,+				
WELL	mr. mr.	Power (W) :	0.09	- JEK - JEEK 101	The STATE WAY				
E	Button cell battery	V _A (V) :	3.0	an in an	PS1				
	an Juliany	I _A (A) :	0.03	THE THE SUR	INLIE MALTE				
F	Button cell	Power (W) :	1.81	no mo	PS1				
JEF	battery short	V _A (V) :	3.0	A A A	751				



Reference No.: WTF22D04078625Y Page 53 of 58

			IEC/EN 62368-1		
Clause	Requirement	– Test	Result	– Remark	Verdict
-un-	oirquit	1.70	2000	Willy Mary Mr.	The M
	circuit	I _A (A) :	0.603		. الحراي

6.2.3.1 Table: Determin	ation of Potential	Ignition Sources	(Arcing PIS)	N/A
	Open circuit voltage After 3 s	Measured r.m.s	Calculated value	Arcing PIS?
Location	(Vp)	(Irms)	$(V_p \times I_{rms})$	Yes / No
mile while whi was	2/12 - 2/1	A A	THE THE STEE	write - write

Supplementary information:

Supplementary Information:

All primary circuit/components were considered as arcing PIS, the open circuit of all secondary components/ circuit were not exceeded 50V.

An Arcing PIS requires a minimum of 50 V (peak) a.c. or d.c. An Arcing PIS is established when the product of the open circuit voltage (V_p) and normal operating condition rms current (I_{rms}) is greater than 15.

6.2.3.2	Table: Dete	ble: Determination of Potential Ignition Sources (Resistive PIS)								
Circuit Lo	cation (x-y)	Operating Condition (Normal / Describe Single Fault)	Measured wattage or VA During first 30 s (W / VA)	Measured wattage or VA After 30 s (W / VA)	Protective Circuit, Regulator, or PTC Operated? Yes / No (Comment)	Resistive PIS? Yes/No				
JEH JI	J (20/ -	2 M	7		1 - El	TELL STEEL SOLL				

Supplementary Information:

All primary/secondary components were considered as resistive PIS.

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

If a separate voltmeter and ammeter are used, the product of (VA x IA) is used to determine Resistive PIS classification.

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

8.5.5	TABLE: High Pressure Lamp	it with out of	N/A
Description	1	Values	Energy Source Classification
Lamp type	: #	THE THE RE	in his mus and my
Manufactu	rer:	111. 111. 20	
Cat no		LET JET JE	The specific was a
Pressure (cold) (MPa)	LE 21/2 21/2	1 -t //t
Pressure (operating) (MPa):	at at the	الله المالية ا
Operating t	time (minutes):	in which the	n T
Explosion r	method:	- A A	THE STIES STIES WITH SWITH
Max particl	le length escaping enclosure (mm):	were me m	n n - '
Max particl	le length beyond 1 m (mm):	A St S	EX TEX LIEX WITE WITE
Overall res	sult	WILL WILL AND	The The The
Supplemen	ntary information:	1 1 2	- All All Life Nite o



Reference No.: WTF22D04078625Y Page 54 of 58

The	Mr. My M.	IEC/EN 623	368-1	min min
Clause	Requirement – Test	NET WALL OF	Result – Remark	Verdict

B.2.5	TABLE: Inpu	ıt test				P.+
U (V/Hz)	I (A)	I rated (A)	P (W)	P rated (W)	Condition/status	
5VDC	1.44	2.0	7.20	EK WILLEY	Wireless output: 5.0VDC, 1.0A	,
9VDC	1.53	1.67	13.77	WALTER	Wireless output: 9.0VDC, 1.1A	
3VDC	0.03	LIEK NALT	0.09	WALTER WA	Powered by button cell battery	ZUTEN ZUTEN

B.3	TABLE: Al	ABLE: Abnormal operating condition tests							
Ambient temperature (°C) See below								_	
Power source	ce for EUT: I	Manufactu	rer, model/typ	oe, outp	out rating .	: See c	over page for details	_	
Componen t No.	Abnormal Condition	Supply voltage, (V)	Test time (ms)	Fuse no.	Fuse current (A)	T- couple	Temp. (°C)	Observatio n	
Wireless output	overload	9VDC	1hour44mi ns	NUTER TER TON TON TER	1.53→ 1.56→ 0.001	Type-J	L1 winding: 77.0°C L2 winding: 78.5°C PCB near U4: 80.9°C Ambient: 50.0°C External enclosure near wireless charger: 44.2°C Ambient: 25.0°C	Wireless output max. loading 1.20A, over 1.20A unit shut down, recoverable . No damage, no hazard.	

R4	TABLE: Fault condition tests	OLD P OLD
D.4	TABLE. Fault Collultion tests	70.



Reference No.: WTF22D04078625Y

Page 55 of 58

IEC/EN 62368-1						
Clause	Requirement – Test	Result – Remark	Verdict			

Ambient tem	perature (°	C)				50.0	- X X	_
Power source	e for EUT:	Manufactui	rer, model/typ	oe, outp	ut rating	See cov	er page for details	_
Componen t No.	Fault Conditio n	Supply voltage, (V)	Test time (ms)	Fuse no.	Fuse current, (A)	T- couple	Temp. (°C)	Observatio n
Button cell battery	Short circuit	3VDC	40mins	y van	0.603→ 0.001	Type-J	Surface of battery: 78.0°C; Ambient: 50.0°C External enclosure near button cell battery: 30.7°C Ambient: 25.0°C.	After short circuit, battery cannot work normally. No damaged, no hazard.
Wireless charger	Short circuit	9VDC	10mins	iek ini	1.53→0. 001	isse vini Vinites Vinites	White white w	After short circuit, unit shut down, recoverabl e, no damage, no hazard
СВВ	Short circuit	9VDC	10mins	NATER PATER TER	1.53→0. 001	WALT.	untitek whitek	After short circuit, unit shut down, recoverabl e, no damage, no hazard
C12 next	Short circuit	9VDC	10mins	white white	1.53→0. 001	WALTER WALTER	MINITER WHITE WHITE MILIER WHITE ELE STER STER	After short circuit, unit shut down, recoverabl e, no damage, no hazard
U1 pin1-3	Short circuit	9VDC-	10mins	ich ∰ Turi	1.53→0. 001	van Vanije Vanijek	MUNITER WHITER WHIT	After short circuit, unit shut down, recoverabl e, no damage, no hazard
U2 pin1-8	Short circuit	9VDC	10mins	MITEK STEK W	1.53→0. 001	TEX MUT	TEX WHITE WHITE	After short circuit, unit shut down, recoverabl e, no damage, no hazard



Reference No.: WTF22D04078625Y Page 56 of 58

The Music	Mr. Mr. Mr. M.	IEC/EN 623	368-1	MULLE MULL MILL
Clause	Requirement – Test	MUT. THE	Result – Remark	Verdict

U5 pin1-8	Short circuit	9VDC	10mins	uni ^{TEK}	1.53→0. 001	antifek antifek	Milet with	After short circuit, unit shut down, recoverabl e, no
4 1	et e	et se	- SLIEK "	LIEN.	avrill Al	7	in in	damage, no hazard

Supplementary information:

- 1) SC: short circuit, OL: overload, OC: open circuit; CD: components damaged;
- 2) The Hi-pot test conducted successfully after the completion of fault condition test.
- 3) *: For fault where fuse opened, tested were repeat nine times and same result was obtained.
- 4)No ignition during and after all tests.

Annex M	TABLE: B	atteries						-	N/A
The tests of	f Annex M a	re applica	able only wher	appropria	ate battery	data is no	t available	300 30	N/A
Is it possible	e to install th	ne battery	in a reverse μ	oolarity pos	sition?:	WALTER OF	It is import to install battery in reverse position	the n a	N/A
	Non-re	chargeab	le batteries		F	Rechargea	ble batteri	es	
	Discharging Un-		Chai	rging	Disch	arging	Reverse	sed charging	
	Meas. current	Manuf. Specs.	intentional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.
1) Imax in normal condition	FEK -WILL	A AMILIE	WALTER W	er une Ek etek	WILEK	WITEL W	or or	EK WALTE	WALTER
2) Imax in fault	VIAITE.	WILLE	unii uni ifek	NITEK	WILLER.	TEK WAL	ek <u>"</u> "Te	WALTER.	WALLEY AN
3) Imax in fault	MULTE V	ULL W	et tet	Writest	TEK WAL	ik writek	While .	UNITER VI	TEE WALL
Test results	i je	t all	LITER OF	ile Muri	Mer	1/12 1	200		Verdict
- Chemical	leaks	21/10	70,	y at	TEX	JEH S	JER MLT	E. WILL	AUVEL A
- Explosion	of the batte	ry	CLIEF WALL	WILL	11/2 1	20		+	et.
- Emission	of flame or e	expulsion	of molten met	tal	TEX .	TER NITE	and the	WIND !	mr. m
- Electric str	rength tests	of equipr	ment after com	pletion of	tests	20,		24	A S
Supplemen	tary informa	ation:			CENT CE	t Life	WITE .	iner air	in me

Reference No.: WTF22D04078625Y Page 57 of 58

Š	Mrs. Mrs. Mrs. All		IEC/EN 623	368-1	Mrs. Mrs.
	Clause	Requirement – Test	Will MULL AND	Result – Remark	Verdict

ble: Ad tteries	ditional safegua	rds for e	quipment c	containing sec	ondary	lithium	Mile.	N/A	
ell	Test conditions		Measurements					Observation	
No.				I (A) Te		emp (C)			
0	The second second		k ster			- 11/1 to		20,	
* (C)			- 10,			-14	TEN STEN		
/ Informa	ation:	1 Est	CLIFE ALL	LITE MALITY	Mrs.	mr.	in.	20,	
Ch	arging at T _{lowest} (°C)	Observation		Charging at T _{highest} (°C)		Observation		tion	
J. C.	alife - mire	Vr. 1	1. a.			× ×	# ;	CEPT I	
	tteries	Test condition / Information: Charging at T _{lowest} (°C)	Test conditions / Information: Charging at T _{lowest} Observed Ob	Test conditions U / Information: Charging at T _{lowest} Observation (°C)	Test conditions	Test conditions			

Annex Q.1	TABLE: Circuits intended for interconnection with building wiring (LPS)							
Note: Meas	sured UOC (V) with	all load circuits	disconnected:	70	i st	LET JES		
Output Circuit	Components	U _{oc} (V)	I,	sc(A)	S (VA)			
			Meas.	Limit	Meas.	Limit		
201	-		TIEN LIFE		The Mer	-2/11		
		A \ \ \			4 .4	45		

T.2, T.3, T.4, T.5	TABL	E: Steady	force test			untitek white white
Part/Location	М	aterial	Thickness (mm)	Force (N)	Test Duration (sec)	Observation
Enclosure	Ba	amboo	Min.1.5	100N	5_	Enclosure remained intact.
Supplementar	y inforn	nation:	L LIER N	Will Mir Mir	Mr. M.	The state of
T.6, T.9 1	ABLE:	Impact te	sts	at at all	- JEK JIEK	N/A
Part/Location	art/Location Material		Thicknes (mm)	s Vertical distance (mm		Observation
	74	4	TEX TIE	White White	14 24 2	u 2n - 2
Supplementar	y inforn	nation:		- A	At All S	TEX SLIEN WITH WAL
T.7 1	ABLE:	Drop test	St MITE	White white wh	The Me	Р
Part/Locat	ion	Dro	p No.	Drop Height (mm)	C	Observation
Тор	*	er ater	1 NITER W	1000	No da	mage, no hazard
Side	In.	20,	2	1000	No da	mage, no hazard



Reference No.: WTF22D04078625Y Page 58 of 58

Late and	The The The	IEC/EN 623	368-1	LICE WALLE V	Leg Miles
Clause	Requirement – Test	Mrt. Mrt. M.	Result – Remark	of the	Verdict

Bottom 3			1000	No damage, no hazard			
Supplementa	ry information:	A At	TEN CLIEB	rite arite	Mary Auth Albert		
T.8	TABLE: Stress reli	ef test	10 10 10	A 2+	at the the		
Part/Location	Material	Thickness (mm)	Oven Temperature (°C)	Duration (h)	Observation		
Enclosure	Bamboo	Min.1.5	76	7	No damage, no hazaro		

WATER FREE CO



Photo Documentation





Photo 1



Photo 2



Photo Documentation





Photo 3



Photo 4

Page 3 of 6

Photo Documentation





Photo 5



Photo 6

Page 4 of 6

Photo Documentation



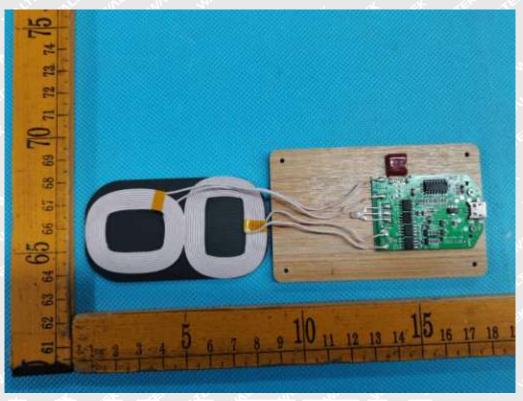


Photo 7

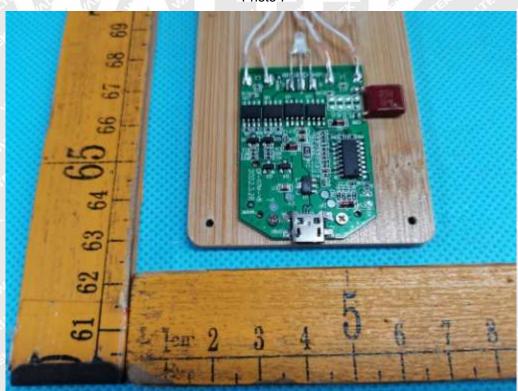


Photo 8



Photo Documentation





Photo 9



Photo 10

Page 6 of 6

Photo Documentation

Reference No.: WTF22D04078625Y



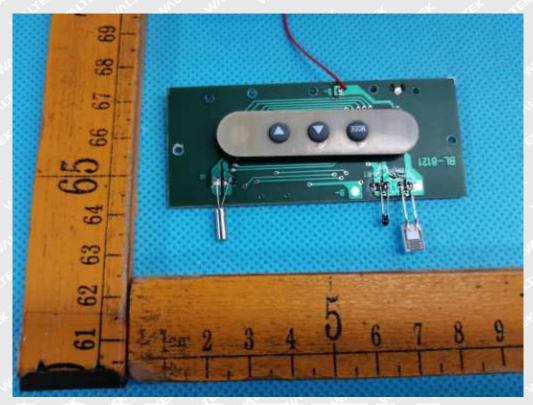


Photo 11

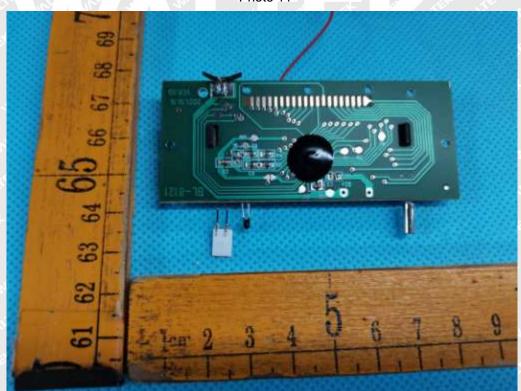


Photo 12

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

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