

Report No.: SZAWW190619003-02S

Test Report

Client Name : Shenzhen PuSou Electronic Manufactory

Address 4F, Entrance B, Building F, Xing Hui Science Park, Gu

Shu 2Rd, Xixiang of Bao'An District, Shenzhen, China

Product Name : Mini Bluetooth Speaker

Date : Jul. 01, 2019

Page 2 of 67 Report No.: SZAWW190619003-02S

TEST REPORT IEC 62368-1

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

Report Number.....: SZAWW190619003-02S

Date of issue.....: Jul. 01, 2019

Total number of pages: 67 Pages

Applicant's name: Shenzhen PuSou Electronic Manufactory

Address.....: 4F, Entrance B, Building F, Xing Hui Science Park, Gu Shu 2Rd,

Xixiang of Bao'An District, Shenzhen, China

Test specification:

Standard.....: IEC 62368-1:2014 (Second Edition)

Test procedure Type Tested

Non-standard test method: N/A

Test Report Form No.: IEC62368_1B

General disclaimer:

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, excep<mark>t in full, without the written approval of the Issuing Shenzhen Anbotek Compliance Laboratory Limited. The authenticity of this Test Report and its contents can be verified by Shenzhen Anbotek Compliance Laboratory Limited, responsible for this Test Report.</mark>

Testing procedure and testing loca	ition: Amborek Amborek Amborek Amborek Amborek
☐ Testing Laboratory:	Shenzhen Anbotek Compliance Laboratory Limited
Testing location/ address:	1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102
Tested by (name + signature)	: Stone Chen
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	
Approved by (name+ signature)): Jeff Zhu



Page 3 of 67 Report No.: SZAWW190619003-02S

Test Item description: Mini Bluetooth Speaker

Trade Mark: N.A.

Manufacturer.....: Shenzhen PuSou Electronic Manufactory

4F, Entrance B, Building F, Xing Hui Science Park, Gu Shu

2Rd, Xixiang of Bao'An District, Shenzhen, China

Model/Type reference: SP12

Ratings: Input: 5V=== 1A(with DC 3.7V, 500mAh Battery inside)

Tests performed (name of test and test clause):

The submitted samples were found to comply with the requirements of:

Electrical safety

EN 62368-1:2014

Testing location:

Shenzhen Anbotek Compliance Laboratory Limited

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102

List of countries addressed: EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES
The product fulfils the requirements of EN 62368-1:2014

Copy of marking plate:

Mini Bluetooth Speaker

Model: SP12

Input: 5V=== 1A(with DC 3.7V, 500mAh Battery inside)



Manufacturer: Shenzhen PuSou Electronic

Manufactory

Address: 4F, Entrance B, Building F, Xing Hui Science Park, Gu Shu 2Rd, Xixiang of Bao'An District,

Shenzhen, China

(The label should be attached to the back of the product.)

- The above markings are the minimum requirements required by the safety standard. For the final production samples, the additional markings which do not give rise to misunderstanding may be added.





Page 4 of 67 Report No.: SZAWW190619003-02S

TEST ITEM PARTICULARS:	
Classification of use by:	 ☑ Ordinary person ☐ Instructed person ☐ Skilled person ☐ Children likely to be present
Supply Connection:	☐ AC Mains ☐ DC Mains ☐ External Circuit - not Mains connected - ☐ ES1 ☐ ES2 ☐ ES3
Supply % Tolerance:	☐ +10%/-10% ☐ +20%/-15% ☐ +%/% ☑ None
Supply Connection – Type:	 □ pluggable equipment type A - □ non-detachable supply cord □ appliance coupler □ direct plug-in □ mating connector □ pluggable equipment type B - □ non-detachable supply cord □ appliance coupler □ permanent connection □ mating connector ⋈ other:
Considered current rating of protective device as part of building or equipment installation	A; Installation location: ☐ building; ☐ equipment
Equipment mobility	movable hand-held transportable stationary for building-in direct plugin rack-mounting wall-mounted
Over voltage category (OVC)	□ OVC I □ OVC II □ OVC III □ OVC IV ⊠ other:
Class of equipment	☐ Class I ☐ Class II ☐ Class III
Access location	restricted access location N/A
Pollution degree (PD)	☐ PD 1 ☐ PD 2 ☐ PD 3
Manufacturer's specified maxium operating ambient:	40°C
IP protection class	☐ IP
Power Systems	☐ TN ☐ TT ☐ IT V L-L ☐ N/A
Altitude during operation (m)	⊠ 2000 m or less ☐ m
Altitude of test laboratory (m):	☑ 2000 m or less ☐ m
Mass of equipment (kg):	



Page 5 of 67 Report No.: SZAWW190619003-02S

POSSIBLE TEST CASE VERDICTS:	hotek Anboth Am otek anbotek
- test case does not apply to the test object:	N/A know know know know know know know know
- test object does meet the requirement:	P (Pass)
- test object does not meet the requirement:	F (Fail)
TESTING:	Anbote Anbotek Anbotek Anbo
Date of receipt of test item:	Jun. 19, 2019
Date (s) of performance of tests	Jun. 19, 2019 to Jul. 01, 2019
GENERAL REMARKS:	otek Anbotek Anbotek Anbote
When differences exist; they shall be identified in the Name and address of factory (ies):	he General product information section. Shenzhen PuSou Electronic Manufactory Second floor, Second building, Fulong second industrial, Shipai town, Dongguan city, China
GENERAL PRODUCT INFORMATION:	madstrat, Gripar town, Bongguari city, Grima
Product Description: The apparatus covered in this report was Mini Bluetoc The max. operating temperature was 35 °C and the m The EUT powered by a suitable rated and certified DC (3.7V, 500mAh).	ax <mark>. altitude</mark> was 2000m.
Model Differences :	Anbrek Anbotek Anbotek Anbotek Anbotek A
Additional application considerations – (Consideration)	ations used to test a component or sub-assembly) –

Glycol



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: +5V dc input ES1

Source of electrical	energy	Cor	Corresponding classification (ES)					
5V dc input	abotek	Anbote	Am Lotek ES1	Anbotek	Aupor	abotek.	Aupole	
The enclosure	hotek	Anbore	ES1	abotek	Anbore	A. otek	nhb	

Electrically-caused fire (Clause 6):

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

Example: Battery pack (maximum 85 watts): PS2

Source of power or PIS	eK	Corresponding classification (PS)	anbotek
The circuit	-ok	PS1	nbotek

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

Source	of hazard	lous substa	nces		abotek	Correspo	onding chemical	anbotek	Anbo
N/A	ntek.	anbotek	Aupo	K P	NAD.	N/A	And	abotek	Vupor

Mechanically-caused injury (Clause 8)

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

Source of kinetic/mechanical energy	Corresponding classification (MS)
Equipment mass	MS1 Anbour Anbotek Anbotek

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					AUP	Correspo	onding class	sification (T	S)	ek N
N/A	Anbolo	Vien	Yes	abotek	Ant	N/A	N. Otek	Vupole.	VUD	Ya

Radiation (Clause 10)

(Note: List the types of radiation present in the product and the corresponding energy source classification.)

Example: DVD – Class 1 Laser Product

RS1

Type of r	adiation			Aupor	Corresponding classification (RS)				
N/A	Anboten	Anbountek	Anbotek	Anbote	N/A	Annabotek	Anbotek	Anboratek	e al

ENERGY SOURCE DIAGRAM

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





Page 7 of 67 Report No.: SZAWW190619003-02S

r bu	-otek	Anbotek	Aupo	-ak	botek	Anbore	b.,	un dek	nbotek	Anbo
	Anbactek	abote	S ES	⊠ PS	S	MS 🗵	TS	⊠ RS	A botek	Anbote

OVERVIEW OF EMPLOYE	- CAI LOCAINDO									
Clause	Possible Hazard									
5.1	Electrically-caused injury									
Body Part	Energy Source	Sa	afeguards							
(e.g. Ordinary)	(ES3: Primary Filter circuit)	Basic	Supplementary	Reinforced (Enclosure						
Ordinary person	ES1:The EUT	Vpeak<60V, cl.>1.2mm, cr>1.2	nbotek Anbo	otek An						
6.1	Electrically-caused fire									
Material part	Energy Source	Sa	afeguards							
(e.g. mouse enclosure)	(PS2: 100 Watt circuit)	Basic	Supplementary	Reinforced						
Plastic enclosure	PS: The EUT	Input: 5Vdc, 1A, and the battery complied with PS1	hotek Anbote	anbote Ant						
7.1	Injury cause <mark>d b</mark> y hazardo	us substances								
Body Part	Energy Source	Safeguards								
(e.g., skilled)	(hazardous material)	Basic	Supplementary	Reinforced						
N/A MOON AND AND AND AND AND AND AND AND AND AN	tek Anbotek Anbot	ek abotek Anb	oten _Anbo	-nbote						
8.1	Mechanically-caused inju	ry								
Body Part	Energy Source	Sa	afeguards							
(e.g. Ordinary)	(MS3:High Pressure Lamp)	Basic	Supplementary	Reinforced (Enclosure						
Ordinary person	MS1 : Mass<7Kg	Anbotek Anbote	Ann botek	Anbatek						
9.1	Thermal Burn									
Body Part	Energy Source	Sa	afeguards							
(e.g., Ordinary)	(TS2)	Basic	Supplementary	Reinforced						
Ordinary	TS1	Tupor - Wolfek	Anboten A	in tek						
10.1	Radiation									
Body Part	Energy Source	Sa	afeguards							
(e.g., Ordinary)	(Output from audio port)	Basic	Supplementary	Reinforced						
N/A	Doles And K	otek Anboro A	100° 40°	ek Wupi						

Supplementary Information:

- (1) See attached energy source diagram for additional details.
- (2) "N" Normal Condition; "A" Abnormal Condition; "S" Single Fault



Page 8 of 67 Report No.: SZAWW190619003-02S

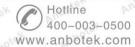
Vuhor.	Anbotek	Anboren Anbo	IEC 62368-1	Anbotek Anbotek	Anbotek
Clause	Anbotek	Requirement + Test	nbotek Anboten	Result - Remark	Verdict

4	GENERAL REQUIREMENTS		Pnot
4.1.1	Acceptance of materials, components and subassemblies	Anbotek Anbote Anb	lek P An
4.1.2	Use of components	Aupotok Aupo Air	bokek b
4.1.3	Equipment design and construction	lek Aupotek Aupot A	nbol P
4.1.15	Markings and instructions	(See Annex F)	Rick
4.4.4	Safeguard robustness	otek Anbotek Anbot	Poot
4.4.4.2	Steady force tests	(See Annex T.4, T.5)	P
4.4.4.3	Drop tests:	(See Annex T.7)	_w P
4.4.4.4	Impact tests	And tek upotek Ar	N/A
4.4.4.5	Internal accessible safeguard enclosure and barrier tests	notek Anbotek Anbotek	N/A
4.4.4.6	Glass Impact tests	notek Anbotek Anbo	N/A
4.4.4.74	Thermoplastic material tests	(See Annex T.8)	P P
4.4.4.8	Air comprising a safeguard	Augo, Vupotek Vupo,	N/A
4.4.4.9	Accessibility and safeguard effectiveness	All other safeguards remain effective and no class 3 energy sources become accessible.	Anbotek Anbotek
4.5	Explosion	Anbore And Lotek Anbotek	N/A
4.6	Fixing of conductors	Anhole K And Lotek Anbot	PAnh
4.6.1	Fix conductors not to defeat a safeguard	Anbore Ann otek an	N/A
4.6.2	10 N force test applied to	10 N force test applied to internal wires	inbote P
4.7 Anbo	Equipment for direct insertion into mains socket - outlets	Anbotek Anbotek	N/A
4.7.2	Mains plug part complies with the relevant standard	Anbotek Anbotek Anbote	N/A
4.7.3	Torque (Nm)	Anbo tek abotek Anb	N/A
4.8	Products containing coin/button cell batteries	Anbo tek abotek	N/A
4.8.2	Instructional safeguard	otek Aupon Am	N/A
4.8.3	Battery Compartment Construction	Anborek Anbor All botek	N/A
botek An	Means to reduce the possibility of children removing the battery	Anbotek Anbotek Anbote	_
4.8.4	Battery Compartment Mechanical Tests	(See Table 4.8.4)	N/A
4.8.5	Battery Accessibility	And otek anbotek	N/A
4.9	Likelihood of fire or shock due to entry of	(See Annex P)	N/A



Page 9 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek Aup	conductive object	apolek Bupole, Yun	Anbott
5	ELECTRICALLY-CAUSED INJURY	by. K Totel Vub.	ek Pant
5.2.1	Electrical energy source classifications	(See appended table 5.2)	otek P
5.2.2	ES1, ES2 and ES3 limits	ek abotek Anboten An	NP P
5.2.2.2	Steady-state voltage and current	See appended table 5.2)	Rek
5.2.2.3	Capacitance limits	(See appended table 5.2)	P ote
5.2.2.4	Single pulse limits:	(See appended table 5.2)	N/A
5.2.2.5	Limits for repetitive pulses	(See appended table 5.2)	N/A
5.2.2.6	Ringing signals:	(See Annex H)	N/A
5.2.2.7	Audio signals	(See Clause E.1)	N/A
5.3	Protection against electrical energy sources	potek Anbore Ant botek	N/A
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons	Anbotek Anbotek Anbotek	N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	Anbotek Anbotek Anbot	N/A
5.3.2.2	Contact requirements	er Anbores Anbo otek	N/A
Aupolen	a) Test with test probe from Annex V	otek Anbotek Anbo	N/A
K Anbo	b) Electric strength test potential (V)	hotek Anbotek Anbo	N/A
otek Pr	c) Air gap (mm)	hotek Anbotek Anbo	N/A
5.3.2.4	Terminals for connecting stripped wire	Andrek Anbotel Anbo	N/A
5.4 ote ³	Insulation materials and requirements	ok hotek Anbotek Anc	N/A
5.4.1.2	Properties of insulating material	ok notek Anbotek	N/A
5.4.1.3	Humidity conditioning:	(See sub-clause 5.4.8)	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:	Anbotek Anbote Anb	
5.4.1.5.2	Test for pollution degree 1 environment and for an insulating compound	Anbotek Anbotek An	N/A
5.4.1.5.3	Thermal cycling	ptek Anboutek	N/A
5.4.1.6	Insulation in transformers with varying dimensions	hbotek Anbor All botek	N/A
5.4.1.7	Insulation in circuits generating starting pulses	Anbotek Anbor All botel	N/A
5.4.1.8	Determination of working voltage	Anbotek Anber Ant	N/A
5.4.1.9	Insulating surfaces	Anbotek Anbote Ann	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	otek Aupotek Vunose V	N/A





Page 10 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
5.4.1.10.2	Vigot actonics tomogrative	(See appended table F 4.1.10.2)	NI/A
oter P	Vicat softening temperature	(See appended table 5.4.1.10.2)	N/A
5.4.1.10.3	Ball pressure	(See appended table 5.4.1.10.3)	N/A
5.4.2	Clearances	An hotek Anbotek An	N/A
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
ovek a	a) a.c. mains transient voltage:	And otek Anbotek Anbo	_
	b) d.c. mains transient voltage	Anbotek Anbotek Anbot	_
And	c) external circuit transient voltage	Anbotek Anbotek Anb	_
Anbotek	d) transient voltage determined by measurement	otek Anbotek Anbotek	_
5.4.2.4	Determining the adequacy of a clearance using an electric strength test	(See appended table 5.4.2.4)	N/A
5.4.2.5	Multiplication factors for clearances and test voltages	Anbotek Anbotek Anbote	N/A
5.4.3	Creepage distances	(See appended table 5.4.3)	N/A
5.4.3.1	General	k hotek Anboten	N/A
5.4.3.3	Material Group	And hotek Anbotek	
5.4.4	Solid insulation	Anbotes Ann notek Anbotek	N/A
5.4.4.2	Minimum distance through insulation	(See appended table 5.4.4.2)	N/A
5.4.4.3	Insulation compound forming solid insulation	Anbotten Anbo otek Anb	N/A
5.4.4.4	Solid insulation in semiconductor devices	Anboten Anbo atek	N/A
5.4.4.5	Cemented joints	otek Anbotek Anbo	N/A
5.4.4.6	Thin sheet material	botek Anbotek Anbo	N/A
5.4.4.6.1	General requirements	botek Anbotek Anho	N/A
5.4.4.6.2	Separable thin sheet material	Anbotek Anbotek Anbo	N/A
botek	Number of layers (pcs)	K hotek Anbotek Anbi	N/A
5.4.4.6.3	Non-separable thin sheet material	rek spotek Aupotek A	N/A
5.4.4.6.4	Standard test procedure for non-separable thin sheet material	(See appended Table 5.4.9)	N/A
5.4.4.6.5	Mandrel test	Anbotek Anbote And wotek	N/A
5.4.4.7	Solid insulation in wound components	Anbotek Anbote Kno	N/A
5.4.4.9	Solid insulation at frequencies >30 kHz:	(See appended Table 5.4.4.9)	N/A
5.4.5	Antenna terminal insulation	kek abotek Anboten Ar	N/A
5.4.5.1	General	All otek Anbotek	N/A





Page 11 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek Aup	Arthur Stoken Arthur A	tek poter Anti	logo
5.4.5.2	Voltage surge test	And tek abotek Anbore	N/A
otek P	Insulation resistance (M Ω):	Anbo. A. abotek Anbot	_
5.4.6	Insulation of internal wire as part of supplementary safeguard:	(See appended table 5.4.4.2)	N/A
5.4.7 _{Milli} ote ⁸	Tests for semiconductor components and for cemented joints	botek Anbotek Anbotek	N/A
5.4.8	Humidity conditioning	Anbotek Anbo tek abotek	N/A
otel. A	Relative humidity (%):	Anbotek Anbor Am	_
Anbotek	Temperature (°C)	Anbotek Anbote An	_
Anbotek	Duration (h):	sk upotek Aupote Au	_
5.4.9	Electric strength test:	(See appended table 5.4.9)	N/A
5.4.9.1	Test procedure for a solid insulation type test	tek abotek Anbotek	N/A
5.4.9.2	Test procedure for routine tests	Anbotek Anbotek Anbotek	N/A
5.4.10	Protection against transient voltages between external circuit	Anbotek Anbotek Anbote	N/A
5.4.10.1	Parts and circuits separated from external circuits	(See appended table 5.4.9)	N/A
5.4.10.2	Test methods	ovek Anbotek Anbotek	N/A
5.4.10.2.1	General	notek Anbotek Anbo	N/A
5.4.10.2.2	Impulse test:	(See appended table 5.4.9)	N/A
5.4.10.2.3	Steady-state test	(See appended table 5.4.9)	N/A
5.4.11	Insulation between external circuits and earthed circuitry:	(See appended table 5.4.9)	N/A
5.4.11.1	Exceptions to separation between external circuits and earth	otek Anbotek Anbotek	N/A
5.4.11.2	Requirements	'upor Yan apolek Vuporen	N/A
rek.	Rated operating voltage U _{op} (V):	Anbote Anbotek Anbotes	_
upa.	Nominal voltage U _{peak} (V):	Anbor Anbek Anbe	_
Aupor	Max increase due to variation U _{sp} :	Aupote And Motek A	_
Anbor	Max increase due to ageing ΔUsa:	Mek Aupore, Yun	_
Aupor	U _{op} = U _{peak} + Δ U _{sp} + ΔU _{sa} :	abotek Anbote And Lotek	_
5.5 Ant	Components as safeguards	abotek Anboten Anbo	- nbc
5.5.1	General	abotek Anboten Anbo	N/A
5.5.2	Capacitors and RC units	Anbotek Anbotek Anbo	N/A
5.5.2.1	General requirement	You who lok	N/A





Page 12 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ak pab	ote Ann Otek Anbotek Anbo. A	hotek Amboter Amb	. 200
5.5.2.2	Safeguards against capacitor discharge after disconnection of a connector:	(See appended table 5.5.2.2)	N/A
5.5.3	Transformers	(See Annex G.5.3)	N/A
5.5.4	Optocouplers	(See sub-clause 5.4 or Annex G.12)	N/A
5.5.5 _{mb} ole ⁸	Relays	(See Annex G.2)	N/A
5.5.6	Resistors	(See Annex G.10)	N/A
5.5.7	SPD's	(See Annex G.8)	N/A
5.5.7.1	Use of an SPD connected to reliable earthing	Auportek Viborek Vibor	N/A
5.5.7.2	Use of an SPD between mains and protective earth	ok Anbotek Anbotek Ant	N/A
5.5.8	Insulation between the mains and external circuit consisting of a coaxial cable:	(See Annex G.10.3)	N/A
5.6	Protective conductor	Anbote And Motek Anbotek	N/A
5.6.2	Requirement for protective conductors	Anbore And Anbore	N/A
.6.2.1	General requirements	Anbore K And Lotek Anb	N/A
5.6.2.2	Colour of insulation	K Anboten Anto otek	N/A
5.6.3	Requirement for protective earthing conductors	otek Anbores Anbo	N/A
Aupo,	Protective earthing conductor size (mm²)	botek Anboten Anbo	_
5.6.4	Requirement for protective bonding conductors	about Anbotes Anbo	N/A
5.6.4.1	Protective bonding conductors	Abotek Anbotes Anb	N/A
nbotek	Protective bonding conductor size (mm²):	Anbotek Anboten Anb	_
nbotek	Protective current rating (A):	tek abotek Anbotes A	_
5.6.4.3	Current limiting and overcurrent protective devices	nbotek Anbotek Anbotek	N/A
5.6.5	Terminals for protective conductors	Anbotek Anbot An notek	N/A
.6.5.1	Requirement	Anbotek Anbote Ant	o [≪] N/A
Anbotek	Conductor size (mm²), nominal thread diameter (mm):	Anbotek Anbotek An	N/A
5.6.5.2	Corrosion	ter Andotek	N/A
5.6.6	Resistance of the protective system	abotek Anbotek	N/A
.6.6.1	Requirements	Anbotek Anbo tek abotek	N/A
5.6.6.2	Test Method Resistance (Ω):	(See appended table 5.6.6.2)	N/A
5.6.7	Reliable earthing	Anbotek Anbot An	N/A
.7 Anbotek	Prospective touch voltage, touch current and prote	ctive conductor current	N/A
100	Measuring devices and networks	rok abole	0.33

Shenzhen Anbotek Compliance Laboratory Limited

Hotline 400-003-0500 www.anbotek.com



Page 13 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
dna 48	ote Ann Anhor Anhor A	tek abotes Anbe	-01
5.7.2.1	Measurement of touch current:	(See appended table 5.7.4)	N/A
5.7.2.2	Measurement of prospective touch voltage	Anbott Anbott	N/A
5.7.3	Equipment set-up, supply connections and earth connections	ek Anbotek Anbotek An	N/A
Anbote	System of interconnected equipment (separate connections/single connection)	potek Anbotek Anbotek	_
lotek Anti	Multiple connections to mains (one connection at a time/simultaneous connections):	Anbotek Anbotek Anbotek	_
5.7.4	Earthed conductive accessible parts	(See appended Table 5.7.4)	N/A
5.7.5	Protective conductor current	Ann Antotek Antotek Ant	N/A
And hotek	Supply Voltage (V)	Ana Lotek Anbotek	_
K NC	Measured current (mA)	John And Otek Anbotek	_
V. Vie	Instructional Safeguard:	(See F.4 and F.5)	N/A
5.7.6	Prospective touch voltage and touch current due to external circuits	Anbotek Anbotek Anbote	N/A
5.7.6.1	Touch current from coaxial cables	K hotek Anbotek Anb	N/A
5.7.6.2	Prospective touch voltage and touch current from external circuits	otck Anbotek Anbotek	N/A
5.7.7	Summation of touch currents from external circuits	Inbotek Anbotek Anbotek	N/A
nbotek	a) Equipment with earthed external circuits Measured current (mA)	And Anbotek Anbotek Anbote	N/A
Anbotek	b) Equipment whose external circuits are not referenced to earth. Measured current (mA):	Anbotek Anboth An	N/A

6	ELECTRICALLY- CAUSED FIRE		N/A
6.2	Classification of power sources (PS) and potential ig	gnition sources (PIS)	N/A
6.2.2	Power source circuit classifications	anbotek Anbot An	N/A N/A
6.2.2.1	General	k nbotek Anbote An	N/A
6.2.2.2	Power measurement for worst-case load fault:	(See appended table 6.2.2)	N/A
6.2.2.3	Power measurement for worst-case power source fault:	(See appended table 6.2.2)	N/A
6.2.2.4	PS1:	(See appended table 6.2.2)	N/A
6.2.2.5	PS2	anbotek Anbot An	N/A MA
6.2.2.6	PS3:	Anbotek Anbote Anti-	N/A
6.2.3	Classification of potential ignition sources	tek spotek Aupotes A	N/A
6.2.3.1	Arcing PIS:	botek Anbotek	N/A





Page 14 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek Aup	ote And atek anaotek Anao. A	hotek Anbote Ann	logo.
6.2.3.2	Resistive PIS	And Anbor	Р
6.3	Safeguards against fire under normal operating and	abnormal operating conditions	PAT
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)	Anbotek Anbotek
6.3.1 (b)	Combustible materials outside fire enclosure	V-0 enclosure and PCB used	ATIPIE
6.4	Safeguards against fire under single fault conditions	Anbotek Anbott Anbottek	Ribot
6.4.1	Safeguard Method	Control of fire spread	Y Pad
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	Anbotek Anbotek An	N/A
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits	V-0 enclosure and PCB used	Anbotes P abotek
6.4.3.1	General	otek Anbotek Anbot	N/A
6.4.3.2	Supplementary Safeguards	And otek Anbotek Anbos	N/A
Anbotek K	Special conditions if conductors on printed boards are opened or peeled	Anbotek Anbotek Anbot	N/A
6.4.3.3	Single Fault Conditions	(See appended table 6.4.3)	N/A
Anbote	Special conditions for temperature limited by fuse	okek Anbotek Anbe	N/A
6.4.4 km ²	Control of fire spread in PS1 circuits	totek Anbotek Anbor	N/A
6.4.5	Control of fire spread in PS2 circuits	And Anbotek Anborr	N/A
6.4.5.2	Supplementary safeguards	(See appended tables 4.1.2 and Annex G)	otek P
6.4.6	Control of fire spread in PS3 circuit	Anbotes Anb stek	nbotek P
6.4.7	Separation of combustible materials from a PIS	otek Anborek Anbo	N/A
6.4.7.1	General	(See tables 6.2.3.1 and 6.2.3.2)	N/A
6.4.7.2	Separation by distance	un Aupology Aupon	N/A
6.4.7.3	Separation by a fire barrier	Potek Vipotek Vipor	N/A
6.4.8	Fire enclosures and fire barriers	k hotek Auporak Aup	,eVP
6.4.8.1	Fire enclosure and fire barrier material properties	V-0	P
6.4.8.2.1	Requirements for a fire barrier	otek Anbotek	N/A
6.4.8.2.2	Requirements for a fire enclosure	upoter And stek upotek	ATP
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	Anbotok Anbotek Anbotek	ek P
6.4.8.3.1	Fire enclosure and fire barrier openings	Anbotek Anbotek Anbo	Tek P
6.4.8.3.2	Fire barrier dimensions	Prop Stek Supotest N.	N/A





Page 15 of 67 Report No.: SZAWW190619003-02S

Aupoten	IEC 62368-1	otek Anbotek Anbot A	botek
Clause	Requirement + Test	Result - Remark	Verdict
tek no	otes Anbore PA	tek aboter Antin	-ote
6.4.8.3.3	Top Openings in Fire Enclosure: dimensions (mm)	Anbotek Anbotek Anbotek	N/A
Anbotek	Needle Flame test	Anbotek Anbotes Anb	N/A
6.4.8.3.4	Bottom Openings in Fire Enclosure, condition met a), b) and/or c) dimensions (mm):	lek Anbotek Anbotek An	N/A
ek Anb	Flammability tests for the bottom of a fire enclosure	botek Anbotek Anbotek	N/A
6.4.8.3.5	Integrity of the fire enclosure, condition met: a), b) or c):	Anbotek Anbotek Anbot	N/A
6.4.8.4	Separation of PIS from fire enclosure and fire barrier distance (mm) or flammability rating	V-0	otek P A
6.5	Internal and external wiring	An botek Anboten	Anbo Pek
6.5.1	Requirements	ook An hotek Anboten	Anbe stek
6.5.2	Cross-sectional area (mm²):	Anbore Am botek Anboren	_
6.5.3	Requirements for interconnection to building wiring	Anbotek Anbotek Anbote	N/A
6.6	Safeguards against fire due to connection to additional equipment	Anbotek Anbotek An	N/A
k Aupo	External port limited to PS2 or complies with Clause Q.1	tolek Anbotek Anbotek	N/A

7	INJURY CAUSED BY HAZARDOUS SUBSTANCES	PART
7.2	Reduction of exposure to hazardous substances	N/A
7.3	Ozone exposure	N/A
7.4	Use of personal safeguards (PPE)	N/A
Y An	Personal safeguards and instructions:	_
7.5	Use of instructional safeguards and instructions	N/A
Aupote	Instructional safeguard (ISO 7010)	vo —
7.6	Batteries (See Annex M)	worke KP

8	MECHANICALLY-CAUSED INJURY		Potek
8.1	General	Enclosure is smooth and no mechanical energy sources	Anbote Anbote
8.2	Mechanical energy source classifications	MS1	Lek P Anb
8.3	Safeguards against mechanical energy sources	Anbotek Anbotek	N/A
8.4	Safeguards against parts with sharp edges and corners	itek Anbotek Anbotek	N/A





Page 16 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
tek Pul	Jose Ann otek Anbotek Anbo	Anbotek Anboten Anb	logon
8.4.1	Safeguards	All hotek Anbotek Anbo	N/A
8.5	Safeguards against moving parts	And Anbotek Anbo	N/A
8.5.1	MS2 or MS3 part required to be accessible for the function of the equipment	olek Anbotek Anbotek An	N/A
8.5.2 _{km} o ^{te}	Instructional Safeguard::	otek Anbotek Anbo	_
8.5.4	Special categories of equipment comprising moving parts	Anbotek Anbotek Anbotek	N/A
8.5.4.1	Large data storage equipment	Anboten Anbotek abot	N/A
8.5.4.2	Equipment having electromechanical device for destruction of media	Anbotek Anbotek An	N/A
8.5.4.2.1	Safeguards and Safety Interlocks:	(See Annex F.4 and Annex K)	N/A
8.5.4.2.2	Instructional safeguards against moving parts	potes Annotek anbotek	N/A
e. Vun	Instructional Safeguard:	Anbotes Anbotek	_
8.5.4.2.3	Disconnection from the supply	Anbotes Anbotes abote	N/A
8.5.4.2.4	Probe type and force (N)	Auporek Aupo tek an	N/A
8.5.5	High Pressure Lamps	tek Anbotek Anbor tek	N/A
8.5.5.1	Energy Source Classification	Joseph Anbotek Anbourtek	N/A
8.5.5.2	High Pressure Lamp Explosion Test	(See appended table 8.5.5.2)	N/A
8.6	Stability	Anbotek Anbore	N/A
8.6.1	Product classification	Anbotek Anbotek Anbot	N/A
abotek.	Instructional Safeguard	k And hotek Anbotek Ant	_
8.6.2	Static stability	ok hotek Anbotek	N/A
8.6.2.2	Static stability test	Hotel Andrek Anbotek	N/A
P.U.	Applied Force:	knboses And hotek Anbotek	_
8.6.2.3	Downward Force Test	Anbote Anbotek Anbote	N/A
8.6.3	Relocation stability test	Anbotes And	N/A
Aupor	Unit configuration during 10° tilt:	ek Anbotes And Stek	_
8.6.4	Glass slide test	potek Aupotes Aupotek	N/A
8.6.5	Horizontal force test (Applied Force):	abotek Anboten Anbotek	N/A
otek An	Position of feet or movable parts:	upotek Aupotes Auso	_
8.7	Equipment mounted to wall or ceiling	Anbotek Anboten Anbo	N/A
8.7.1	Mounting Means (Length of screws (mm) and mounting surface)	William William William William	N/A
8.7.2	Direction and applied force:	stek Anbor An	N/A



Page 17 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek and	ores Villa Village Village Village Village Village	tek abotek Antin	ho,
8.8	Handles strength	Anbotek Anbote	N/A
8.8.1	Classification	Anbot Anbotek Anbot	N/A
3.8.2	Applied Force	Anbo. A. abotek An	N/A
8.9	Wheels or casters attachment requirements	lek Aupor Au potek	N/A
8.9.1	Classification	botek Anbout Att abotek	N/A
3.9.2	Applied force	Anbotek Anbot Ak botek	_
3.10	Carts, stands and similar carriers	Anbotek Anbos Ak bot	N/A
3.10.1	General	Anbotek Anbote An	N/A
3.10.2	Marking and instructions	ek unbotek Anbote An	N/A
Anbotek	Instructional Safeguard:	otek Anbotek Anbotek	_
3.10.3	Cart, stand or carrier loading test and compliance	otek Anbotek Anbote	N/A
otek a	Applied force:	Anbotek Anbotek Anbote	_
3.10.4	Cart, stand or carrier impact test	Anb. stek Anbotek Anbote	N/A
3.10.5	Mechanical stability	Anbt atek anbotek Ant	N/A
Ama	Applied horizontal force (N)	Anb. stek anbotek	-
3.10.6	Thermoplastic temperature stability (°C)	And tek nbotek	N/A
3.11	Mounting means for rack mounted equipment	unbotek Anbo tek nbotek	N/A
3.11.1	General	Anbata Anbata tek abate	N/A
3.11.2	Product Classification	Anborek Anbo Ali	N/A
3.11.3	Mechanical strength test, variable N	Aupotes Auro, Vick	N/A
3.11.4	Mechanical strength test 250N, including end stops	otek Aupotek Vupor	N/A
3.12 Ambo	Telescoping or rod antennas	(See Annex T)	N/A
tek an	Button/Ball diameter (mm)	tek hootek Antion	P.77.

9	THERMAL BURN INJURY		Р
9.2	Thermal energy source classifications	Classified as TS1	Р
9.3	Safeguard against thermal energy sources		N/A
9.4	Requirements for safeguards	•	N/A
9.4.1	Equipment safeguard		N/A
9.4.2	Instructional safeguard		N/A

10	RADIATION			V.		N/A
10	KADIATION					N/A



Page 18 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek pab	ote Ann otek Anbotek Anbo. A	notek Anbote. And	100
10.2	Radiation energy source classification	And tek abotek Anbot	N/A
10.2.1	General classification	Anbo tek abotek Anbo	N/A
10.3	Protection against laser radiation	Anbo Lek abotek An	N/A
Anboatel	Laser radiation that exists equipment:	lek Aupo tek apotek	
Anbo	Normal, abnormal, single-fault:	(See attached laser test report)	N/A
8k Vup.	Instructional safeguard	Anbotek Anbot All botek	_
octen b	Tool:	anbotek Anbott All not	_
10.4	Protection against visible, infrared, and UV radiation	Anbotek Anbotek An	N/A
10.4.1	General	ek Aupon by potek	N/A
10.4.1.a)	RS3 for Ordinary and instructed persons:	potek Anbor Anborek	N/A
10.4.1.b)	RS3 accessible to a skilled person:	Anbotek Anbote An botek	N/A
otek Ar	Personal safeguard (PPE) instructional safeguard	Anbotek Anbotek Anbote	_
10.4.1.c)	Equipment visible, IR, UV does not exceed RS1.:	Antotek Antotek Ant	N/A
10.4.1.d)	Normal, abnormal, single-fault conditions:	(See appended table B.3 & B.4)	N/A
10.4.1.e)	Enclosure material employed as safeguard is opaque	botek Anbotek Anbotek	N/A
10.4.1.f)	UV attenuation	hotel Anbotel Anb	N/A
10.4.1.g)	Materials resistant to degradation UV	Anbotek Anbotek Anbo	N/A
10.4.1.h)	Enclosure containment of optical radiation:	Anbotek Anbotek Anb	N/A
10.4.1.i)	Exempt Group under normal operating conditions:	otek Anbotek Anbotek	N/A
10.4.2	Instructional safeguard	abotek Anbotek Anto	N/A
10.5	Protection against x-radiation	nbotek Anbotes And	N/A
10.5.1	X- radiation energy source that exists equipment:	(See appended table B.3 & B.4)	N/A
hotek	Normal, abnormal, single fault conditions	K abotek Anboten Anb	N/A
nbotek	Equipment safeguards:	tek abotek Anboten A	N/A
, abot	Instructional safeguard for skilled person:	Lak hotek Anborok	N/A
10.5.3	Most unfavourable supply voltage to give maximum radiation:	Anbotek Anbotek Anbotek	
bolek	Abnormal and single-fault condition:	(See appended table B.3 & B.4)	N/A
Anbotek	Maximum radiation (pA/kg)	Anbotek Anbotek And	N/A
10.6	Protection against acoustic energy sources	(See report:)	N/A
10.6.1	General	(See report:)	N/A





Page 19 of 67 Report No.: SZAWW190619003-02S

Anboten	IEC 62368-1	otek Anbotek Anbot Al	abotek
Clause	Requirement + Test	Result - Remark	Verdict
ek no	And Anhor Anhor A	tek spote, Yupp	210-
10.6.2	Classification	Anbotek Anbotek	N/A
or rek	Acoustic output, dB(A):	Anbo. A. botek Anbot	N/A
Aupo-16k	Output voltage, unweighted r.m.s:	Anboa An botek An	N/A
10.6.4	Protection of persons	lek Aupon Aurabotek	N/A
Aupo	Instructional safeguards	botek Anbour Anbotek	N/A
otek Anbo	Equipment safeguard prevent ordinary person to RS2:	Anbotek Anbotek Anbotek	_
Anbotek K	Means to actively inform user of increase sound pressure	Anbotek Anbotek Anbot	_
Anbote.	Equipment safeguard prevent ordinary person to RS2:	ek Anbotek Anbotek	ı
10.6.5	Requirements for listening devices (headphones, earphones, etc.)	potek Anbotek Anbotek	N/A
10.6.5.1	Corded passive listening devices with analog input	Anbotek Anbotek Anbote	N/A
Anbotek	Input voltage with 94 dB(A) LAeq acoustic pressure output	Anbotek Anbotek Anb	_
10.6.5.2	Corded listening devices with digital input	tek abotek Anbote	N/A
r abol	Maximum dB(A)	tek abotek Anbotek	_
10.6.5.3	Cordless listening device	Anbotek Anbotek	N/A
Lak Pri	Maximum dB(A):	Anb	

В	NORMAL OPERATING CONDITION TESTS, ABI CONDITION TESTS AND SINGLE FAULT COND		nbote P
B.2	Normal Operating Conditions	tek abotek Anbote	Ann Potek
B.2.1	General requirements:	(See Test Item Particulars and appended test tables)	AP Anbote
Anbotek	Audio Amplifiers and equipment with audio amplifiers:	(See Annex E)	stek P Ant
B.2.3	Supply voltage and tolerances	And stek anbotek A	nbox P
B.2.5	Input test	(See appended table B.2.5)	Aupole
B.3	Simulated abnormal operating conditions	Anbotek Anbo sek sbotek	ATPORE.
B.3.1	General requirements:	(See appended table B.3)	Panbote
B.3.2	Covering of ventilation openings	abotek Anbote Am	cek P anb
B.3.3	D.C. mains polarity test	botek Anbore And	N/A
B.3.4	Setting of voltage selector:	Lok botek Anbotek A	N/A
B.3.5	Maximum load at output terminals:	k notek anbotek	N/A





Page 20 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
B.3.6	Reverse battery polarity	Anboten Anbotek Anbotek	N/A
B.3.7	Abnormal operating conditions as specified in Clause E.2.	Anbotek Anbotek Anbot	N/A
B.3.8	Safeguards functional during and after abnormal operating conditions	ek Anbotek Anbotek An	Anbote P
B.4	Simulated single fault conditions	hbotek Anbor Anborek	AntPres
B.4.2	Temperature controlling device open or short-circuited:	(See appended table B.4)	N/A
B.4.3	Motor tests	And Anbotek Anbo	N/A
B.4.3.1	Motor blocked or rotor locked increasing the internal ambient temperature	(See Clause G.5)	N/A
B.4.4	Short circuit of functional insulation	octek Anbote Anb	nbPek Pek
3.4.4.1	Short circuit of clearances for functional insulation	abotek Anbotes Anto otek	Phot
B.4.4.2	Short circuit of creepage distances for functional insulation	Anbotek Anbotek Anbote	K P AN
B.4.4.3	Short circuit of functional insulation on coated printed boards	Anbotek Anbotek Ant	otek P
B.4.5	Short circuit and interruption of electrodes in tubes and semiconductors	ovek Anbotek Anbotek	Anbotek
B.4.6	Short circuit or disconnect of passive components	inpotek Aupor Air botek	Poote
3.4.7	Continuous operation of components	Anborek Anbor Anbore	N/A
3.4.8	Class 1 and Class 2 energy sources within limits during and after single fault conditions	Anbotek Anbotek Anb	otek P
3.4.9	Battery charging under single fault conditions:	(See Annex M)	N/A
C	UV RADIATION		N/A
C.1 And	Protection of materials in equipment from UV radiation	Inbotek Anbotek Anbotek	N/A
C.1.2	Requirements	Anbotek Anbotek Anbo.	N/A
C.1.3	Test method	k hotek Anbotek Anb	N/A
C.2 botek	UV light conditioning test	And hotek Anbotek A	N/A
C.2.1	Test apparatus	ore Anna sotek Anbotek	N/A
C.2.2	Mounting of test samples	hote And otek Anbotek	N/A
C.2.3	Carbon-arc light-exposure apparatus	Anboren Anborek Anborek	N/A
C.2.4	Xenon-arc light exposure apparatus	Anboren Anbo Arek Anbo	N/A
)	TEST GENERATORS	NO. W.	N/A
D.1 Anbor	Impulse test generators	tek vipole Vin	N/A



Page 21 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek Ant	ote And Andrew Andrew	Anbotek Anbotek	200
D.2	Antenna interface test generator	And tek abotek Anbord	N/A
D.3	Electronic pulse generator	Anbot Anbotek Anbot	N/A
E	TEST CONDITIONS FOR EQUIPMENT CONTAIN	NING AUDIO AMPLIFIERS	P
E.1Anbo	Audio amplifier normal operating conditions	olek Anbo sk motek	Anbote P
Vupo	Audio signal voltage (V)	Motek Anbot Ak hotek	_
6k Vup.	Rated load impedance (Ω):	nbotek Anbour K notek	
E.2	Audio amplifier abnormal operating conditions	abotek Anbota Am	y Pan
F	EQUIPMENT MARKINGS, INSTRUCTIONS, ANI	DINSTRUCTIONAL SAFEGUARDS	otek P
F.1 nbotek	General requirements	ok botek Anbore An	P
Al. botel	Instructions – Language	English	_
F.2	Letter symbols and graphical symbols	roote Anbotek	AnbP
F.2.1	Letter symbols according to IEC60027-1	Anboten Anbotek	P
F.2.2	Graphic symbols IEC, ISO or manufacturer specific	Anbotek Anbotek Anbote	P Ani
F.3 botek	Equipment markings	botek Anbote An	P
F.3.1	Equipment marking locations	K hotek Anbotes	PK
F.3.2	Equipment identification markings	K notek Anbotek	Anbo
F.3.2.1	Manufacturer identification	Shenzhen PuSou Electronic Manuf <mark>ac</mark> tory	_
F.3.2.2	Model identification	See page 3	_
F.3.3	Equipment rating markings	Anbotek Anbotek Anb	νeVP
F.3.3.1	Equipment with direct connection to mains	K notek Anbotek A	N/A
F.3.3.2	Equipment without direct connection to mains	thoras Amotek Vupolek	Anber P
F.3.3.3	Nature of supply voltage	==-used	_
F.3.3.4	Rated voltage	See label	_
F.3.3.4	Rated frequency:	Anborek Anbo kek nbs	_
F.3.3.6	Rated current or rated power	See label	_
F.3.3.7	Equipment with multiple supply connections	Potek Aupotek Aupor a	N/A
F.3.4 MOON	Voltage setting device	otek Aupolek Aupoli	N/A
F.3.5	Terminals and operating devices	Man Vapolek Vupole	N/A
F.3.5.1	Mains appliance outlet and socket-outlet markings	Aupotek Aupotek Aupote	N/A
F.3.5.2	Switch position identification marking:	e Anboron Anbo An	N/A
	AUD W MON AU	A TOP TOP	You



Page 22 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
F.3.5.4	Replacement battery identification marking:	Vupotek Waporr Vin	N/A
F.3.5.5	Terminal marking location	Anbotek Anbote An	N/A
F.3.6	Equipment markings related to equipment classification	Anbotek Anbotek An	N/A
F.3.6.1	Class I Equipment	ok hotek Anbotek	N/A
F.3.6.1.1	Protective earthing conductor terminal	bote Ann botek Anbotek	N/A
F.3.6.1.2	Neutral conductor terminal	Antote And Hotek Anbotek	N/A
F.3.6.1.3	Protective bonding conductor terminals	Antote Ant notek Anbot	N/A
F.3.6.2	Class II equipment (IEC60417-5172)	Anbote And hotek An	N/A
F.3.6.2.1	Class II equipment with or without functional earth	Anbote And hotek	N/A
F.3.6.2.2	Class II equipment with functional earth terminal marking	potek Anbotek Anbotek	N/A
F.3.7	Equipment IP rating marking:	And otek Anbotek Anbot	_
F.3.8	External power supply output marking	Anbotek Anbotek Anbot	P
F.3.9	Durability, legibility and permanence of marking	Anbotek Anbotek Ant	Р
F.3.10	Test for permanence of markings	After test there was no damage on the label. The marking on the label did not fade. There was no curling and lifting of the label edge.	Anbotek
F.4	Instructions	Anboten Anbo	e Panb
unbotek etek	a) Equipment for use in locations where children not likely to be present - marking	Aribatek Anbotek Anb	N/A
Aupo	b) Instructions given for installation or initial use	Anbor Am botek	N/A
Aupo	c) Equipment intended to be fastened in place	otek Anbor Anbotek	N/A
otek Anbo	d) Equipment intended for use only in restricted access area	Inbotek Anbotek Anbotek	N/A
nbotek	e) Audio equipment terminals classified as ES3 and other equipment with terminals marked in accordance F.3.6.1	Anbotek Anbotek Anbo	N/A
Polek	f) Protective earthing employed as safeguard	ok hotek Anbotek A	N/A
Anbot	g) Protective earthing conductor current exceeding ES 2 limits	obotek Anbotek Anbotek	N/A
tek Aul	h) Symbols used on equipment	anbotek Anbote And wotek	N/A
ibotek atek	i) Permanently connected equipment not provided with all-pole mains switch	Anbotek Anbotek Anbo	N/A
) Anbotek	j) Replaceable components or modules providing safeguard function	tek Anbotek Anbotek A	N/A
F.5 abote	Instructional safeguards	rek abote	N/A

Shenzhen Anbotek Compliance Laboratory Limited

Hotline 400-003-0500 www.anbotek.com



Page 23 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1	
Clause	Requirement + Test Result - Rem	ark Verdict
botek Anb	Where "instructional safeguard" is referenced in the test report it specifies the required elements, location of marking and/or instruction	August N/A
3	COMPONENTS	Poster, B
G.1 ^{Amb}	Switches Amburgan Amb	N/A
G.1.1	General requirements	N/A
G.1.2	Ratings, endurance, spacing, maximum load	N/A
G.2	Relays Anbotek Anbotek Anbotek Anbotek	N/A
G.2.1	General requirements	N/A
G.2.2	Overload test	N/A
G.2.3	Relay controlling connectors supply power	N/A
G.2.4	Mains relay, modified as stated in G.2	N/A
G.3	Protection Devices	N/A
G.3.1	Thermal cut-offs	N/A
G.3.1.1a) &b)	Thermal cut-outs separately approved according to IEC 60730 with conditions indicated in a) & b)	N/A
G.3.1.1c)	Thermal cut-outs tested as part of the equipment as indicated in c)	N/A
G.3.1.2	Thermal cut-off connections maintained and secure	N/A
G.3.2	Thermal links	N/A
G.3.2.1a)	Thermal links separately tested with IEC 60691	N/A
G.3.2.1b)	Thermal links tested as part of the equipment	N/A
anbot	Aging hours (H):	Aupote.
itek kn	Single Fault Condition:	Anboio
stek.	Test Voltage (V) and Insulation Resistance (Ω).:	k Auporo —
3.3.3	PTC Thermistors	N/A
G.3.4	Overcurrent protection devices	N/A
3.3.5	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	N/A
3.3.5.2	Single faults conditions: (See appended Table	B.4) N/A
3.4 otek	Connectors	N/A
3.4.1	Spacings	N/A
G.4.2	Mains connector configuration:	N/A





Page 24 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek pab	ote Ann Otek Amotek Anbo	hotek Anbote, Ann	, npc
G.4.3	Plug is shaped that insertion into mains socket- outlets or appliance coupler is unlikely	Anbotek Anbotek Anbo	N/A
G.5	Wound Components	k anbotek Anbote An	N/A
G.5.1	Wire insulation in wound components	(See Annex J)	N/A
G.5.1.2 a)	Two wires in contact inside wound component, angle between 45° and 90°	botek Anbotek Anbotek	N/A
G.5.1.2 b)	Construction subject to routine testing	Anbotek Anbo	N/A
G.5.2	Endurance test on wound components	Anbotek Anbote Ana bot	N/A
G.5.2.1	General test requirements	Anbotek Anbote An	o [∞] N/A
G.5.2.2	Heat run test	lek Aupotek Aupor Mil	N/A
Anbote	Time (s):	otek Anbotek Anbote	_
K Anbo	Temperature (°C):	Lotek Anbotek Anbot	
G.5.2.3	Wound Components supplied by mains	Anti-otek Anbotek Anbote	N/A
G.5.3	Transformers	Anbotek Anbotek Anbot	N/A
G.5.3.1	Requirements applied (IEC61204-7, IEC61558-1/-2, and/or IEC62368-1)	Anbotek Anbotek An	N/A
Aupoter	Position:	otek Anbores Anbo	
K Anbo	Method of protection	hotek Anborek Anb	_
G.5.3.2	Insulation	Antotek Antotek Anto	N/A
botek	Protection from displacement of windings:	Antotek Anbotek Anbor	_
G.5.3.3	Overload test:	(See appended table B.3)	N/A
G.5.3.3.1	Test conditions	ak notek Anbotek	N/A
G.5.3.3.2	Winding Temperatures testing in the unit	otes, Wungeley Wupotek	N/A
G.5.3.3.3	Winding Temperatures - Alternative test method	Anbotek Anbotek	N/A
G.5.4	Motors	Anbote, Anbotek Anbote	N/A
G.5.4.1	General requirements	Anbotes Anb	N/A
Aupore	Position	Anbores Anborek	
G.5.4.2	Test conditions	otek Aupoter Aup	N/A
9.5.4.3	Running overload test	abotek Anboten Anbo	N/A
G.5.4.4	Locked-rotor overload test	anbotek Anbotes Anb	N/A
botek	Test duration (days):	Anbotek Anboten Anbo	_
G.5.4.5	Running overload test for d.c. motors in secondary circuits	Aupotek Vipotes Villa	N/A
G.5.4.5.2	Tested in the unit	Stek Aupote Yun	N/A





Page 25 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek Anb	Electric strength test (V)	Anbotek Anbote An botek	
G.5.4.5.3	Tested on the Bench - Alternative test method; test time (h)	Ambotek Ambotek Ambo	N/A
Al. abotek	Electric strength test (V):	ek botek Anbotek Ar	
G.5.4.6	Locked-rotor overload test for d.c. motors in secondary circuits	botek Anbotek Anbotek	N/A
G.5.4.6.2	Tested in the unit	Anbotek Anbort Antotek	N/A
ooses, b	Maximum Temperature:	Anbotek Anbot Anbot Ans	N/A
Anbotek	Electric strength test (V)	Anbotek Anbott An	N/A
G.5.4.6.3	Tested on the bench - Alternative test method; test time (h)	ek Aupotek Aupotek	N/A
Y No	Electric strength test (V)	oote And atek Anbotek	N/A
G.5.4.7	Motors with capacitors	Anbotes And otek Anbotek	N/A
G.5.4.8	Three-phase motors	Anbote And otek Anbot	N/A
G.5.4.9	Series motors	Anbotes Anb otek An	N/A
Anboto	Operating voltage	Anbote Anb otek	_
G.6 Anboto	Wire Insulation	botek Anbotes Anbotek	N/A
G.6.1 M	General	botek Anbotek Anb	N/A
G.6.2	Solvent-based enamel wiring insulation	Anbotek Anbotek Anbo	N/A
G.7	Mains supply cords	Anbotek Anbotek Anbo	N/A
G.7.1	General requirements	k Anbotek Anbotek Ant	N/A
abotek	Type	Lak botek Anbote	_
r upol	Rated current (A)	or Aurotek Aupoter	
rek p	Cross-sectional area (mm²), (AWG):	inbot Ambotek Anbotek	_
G.7.2	Compliance and test method	Anbor An botek Anbore	N/A
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	Anbotek Anbotek Anb	N/A
G.7.3.2	Cord strain relief	tek abotek Anbote A	N/A
G.7.3.2.1	Requirements	stek anbotek Anbote	N/A
tek an	Strain relief test force (N):	nb otek subotek Anbote	
G.7.3.2.2	Strain relief mechanism failure	Anbotek Anbotek Anbote	N/A
G.7.3.2.3	Cord sheath or jacket position, distance (mm):	Anboatek Anbo	_
G.7.3.2.4	Strain relief comprised of polymeric material	Anbo tek abotek A	N/A
G.7.4	Cord Entry:	(See appended table 5.4.11.1)	N/A



Page 26 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
G.7.5	Non-detachable cord bend protection	Anbotek Anbor An	N/A
G.7.5.1	Requirements	Anbotek Anbo stek anbol	N/A
G.7.5.2	Mass (g)	Whosek Whoo yek	
Anboten	Diameter (m):	lek Auporek Aupo, W.	
Aupote	Temperature (°C):	botek Anbotek Anbo	
G.7.6	Supply wiring space	wotek Anbotek Anbo	N/A
3.7.6.2	Stranded wire	An Anbotok Anbo	N/A
G.7.6.2.1	Test with 8 mm strand	hotek Anbotek Anbo	N/A
3.8 abotek	Varistors	An botek Anbotek And	N/A
G.8.1	General requirements	rek abotek Anbotek	N/A
G.8.2	Safeguard against shock	pote Anti-	N/A
3.8.3	Safeguard against fire	Anbotek Abotek Anbotek	N/A
G.8.3.2	Varistor overload test:	(See appended table B.3)	N/A
3.8.3.3	Temporary overvoltage	(See appended table B.3)	N/A
3.9 tex	Integrated Circuit (IC) Current Limiters	Anbot All abotek	N/A
G.9.1 a)	Manufacturer defines limit at max. 5A.	Potek Aupor	N/A
G.9.1 b)	Limiters do not have manual operator or reset	Anbotek Anbotek	N/A
3.9.1 c)	Supply source does not exceed 250 VA	Anbote Anbot Anbote	_
3.9.1 d)	IC limiter output current (max. 5A)	Anbotek Anbor All	_
3.9.1 e)	Manufacturers' defined drift:	Anbotek Anbote All	_
G.9.2	Test Program 1	otek Anbotek Anbot	N/A
3.9.3 propos	Test Program 2	notek Anbotek Anbotek	N/A
G.9.4	Test Program 3	Anbotek Anbotek Anbot	N/A
G.10	Resistors	Anbotek Anbotek Anbo	N/A
G.10.1	General requirements	k hotek Anbotek Anb	N/A
G.10.2	Resistor test	Lok hotek Anbotek A	N/A
G.10.3	Test for resistors serving as safeguards between the mains and an external circuit consisting of a coaxial cable	hootek Anbotek Anbotek	N/A
G.10.3.1	General requirements	Anbor Anborek Anbore	N/A
9.10.3.2	Voltage surge test	Anbor Anborek Anbo	N/A
G.10.3.3	Impulse test	Anbox An Hotek A	N/A
3.11 S.	Capacitor and RC units	otek Anbote Ant	N/A





Page 27 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek and	oreg Vupos b	tek abote Anbo	, not
G.11.1	General requirements	Anbotek Anbotek	N/A
G.11.2	Conditioning of capacitors and RC units	Anbox Anbotek Anbo	N/A
G.11.3	Rules for selecting capacitors	Anboutek Ar. abotek Ar	N/A
G.12	Optocouplers	tek Anbo kek abotek	N/A
ek Anbo	Optocouplers comply with IEC 60747-5-5:2007 Spacing or Electric Strength Test (specify option and test results)	Anbotek Anbotek Anbotek	N/A
pole A	Type test voltage Vini:	Anbote" Anbotek anbot	· _
Anbole.	Routine test voltage, Vini,b:	Anboten Anbo stek	_
G.13	Printed boards	tek Anboten Anbo	nboteP
G.13.1	General requirements	ootek Anboten Anbo	nb Bek
G.13.2	Uncoated printed boards	botek Anbotek Anbo	Phote
G.13.3	Coated printed boards	notek Anbotek Anbo	N/A
G.13.4	Insulation between conductors on the same inner surface	Anbotek Anboten Anbo	N/A
Anbotek	Compliance with cemented joint requirements (Specify construction)	K Anbotek Ambotek	_
G.13.5	Insulation between conductors on different surfaces	upotek Anbotek Anbotek	N/A
oten An	Distance through insulation	(See appended table 5.4.4.5)	N/A
nbotek	Number of insulation layers (pcs):	Anbotek Anbou An	_
G.13.6	Tests on coated printed boards	K Anbotek Anbote An	N/A
G.13.6.1	Sample preparation and preliminary inspection	otek Anbotek Anbot	N/A
G.13.6.2a)	Thermal conditioning	otek Anbotek Anbote	N/A
G.13.6.2b)	Electric strength test	into otek Anbotek Anbote	N/A
G.13.6.2c)	Abrasion resistance test	Anbotek Anbotek Anbote	N/A
G.14	Coating on components terminals	Ann stek anbotek Anb	N/A
G.14.1	Requirements:	(See G.13)	N/A
G.15	Liquid filled components	oter Anb tek nbotek	N/A
G.15.1	General requirements	upoten Aupotek	N/A
G.15.2	Requirements	Aupotek Aupo tek apote	N/A
G.15.3	Compliance and test methods	Anbotek Anton All	N/A
G.15.3.1	Hydrostatic pressure test	Anbotek Anbot All	N/A
G.15.3.2	Creep resistance test	tek upotek kupote v	N/A



Page 28 of 67 Report No.: SZAWW190619003-02S

Anboten	IEC 62368-1	tek Anbotek Anbo. A	notek
Clause	Requirement + Test	Result - Remark	Verdict
cel car	Otek Aupon W. Potek Wilder W	tek abotek Anbote	P//.
G.15.3.3	Tubing and fittings compatibility test	Anbot tek Anbotek Anbotek	N/A
G.15.3.4	Vibration test	Anbott Anbotek Anbot	N/A
G.15.3.5	Thermal cycling test	Anbos Ar shotek An	N/A
G.15.3.6	Force test	lek Aupor Au apolek	N/A
G.15.4	Compliance	botek Anbour Anborek	N/A
G.16	IC including capacitor discharge function (ICX)	Anbotek Anbote Anbotek	N/A
a) ^{tek} P	Humidity treatment in accordance with sc5.4.8 – 120 hours	Anbotek Anbotek Anbot	N/A
b) Anbotek	Impulse test using circuit 2 with Uc = to transient voltage	ek Anbotek Anbotek An	N/A
C1) Anbour	Application of ac voltage at 110% of rated voltage for 2.5 minutes	ootek Anbotek Anbotek	N/A
C2)	Test voltage:	Anbote Ann botek Anbotek	_
D1) Anbotek	10,000 cycles on and off using capacitor with smallest capacitance resistor with largest resistance specified by manufacturer	Anbotek Anbotek Anbote	N/A
D2)	Capacitance	Anbor An hotek	_
D3)	Resistance:	otek Anbott An hotek	_
Н	CRITERIA FOR TELEPHONE RINGING SIGNALS	3	N/A
H.1 N	General	anbote Anbote An	N/A
H.2	Method A	Anborek Anboren Am	N/A
H.3	Method B	Anbotek Anboten Anb	N/A
H.3.1	Ringing signal	tek abotek Aubote	N/A
H.3.1.1	Frequency (Hz)	tek nbotek Anbote	
H.3.1.2	Voltage (V)	Inposek Vipotek Vipoter	
H.3.1.3	Cadence; time (s) and voltage (V)	Anbor Anborek Anbore	
H.3.1.4	Single fault current (mA):	Anbourtek Anb	_
H.3.2	Tripping device and monitoring voltage	Augor Augotek V	N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage complied with	otek Anbotek Anbotek	N/A
H.3.2.2	Tripping device	notek Anbotek Anbote	N/A
H.3.2.3	Monitoring voltage (V)	Anbotek Anbotek Anbote	_
J	INSULATED WINDING WIRES FOR USE WITHO	UT INTERLEAVED INSULATION	N/A
A.111	-W WV W W	AV 1	187



Page 29 of 67 Report No.: SZAWW190619003-02S

Anbotek	Anbore	Ansahotek	Anbotek	C 62368-1	Anbotek	Anboten	Andatek
Clause	k Anbo	Requirement	+ Test	LOV AITS	Result -	Remark	Verdict

No.	notek Autor All tek abotek A	The Target Authors	VUr
K	SAFETY INTERLOCKS	164 400 1	N/A
K.1	General requirements		N/A
K.2	Components of safety interlock safeguard mechanism	(See Annex G)	N/A
K.3	Inadvertent change of operating mode		N/A
K.4	Interlock safeguard override		N/A
K.5	Fail-safe		N/A
	Compliance:	(See appended table B.4)	N/A
K.6	Mechanically operated safety interlocks		N/A
K.6.1	Endurance requirement		N/A
K.6.2	Compliance and Test method:		N/A
K.7	Interlock circuit isolation		N/A
K.7.1	Separation distance for contact gaps & interlock circuit elements (type and circuit location):		N/A
K.7.2	Overload test, Current (A)		N/A
K.7.3	Endurance test		N/A
K.7.4	Electric strength test	(See appended table 5.4.11)	N/A
L	DISCONNECT DEVICES		N/A
L.1	General requirements		N/A
L.2	Permanently connected equipment		N/A
L.3	Parts that remain energized		N/A
L.4	Single phase equipment		N/A
L.5	Three-phase equipment		N/A
L.6	Switches as disconnect devices		N/A
L.7	Plugs as disconnect devices		N/A
L.8	Multiple power sources		N/A
М	EQUIPMENT CONTAINING BATTERIES AND TH	IEIR PROTECTION CIRCUITS	N/A
M.1	General requirements		N/A
M.2	Safety of batteries and their cells		N/A
M.2.1	Requirements		N/A
M.2.2	Compliance and test method (identify method):		N/A
M.3	Protection circuits		N/A
		t	



Page 30 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
M.3.2	Tests	181 70- 1	N/A
	- Overcharging of a rechargeable battery	(See append table Annex M)	N/A
	- Unintentional charging of a non-rechargeable battery		N/A
	- Reverse charging of a rechargeable battery	(See append table Annex M)	N/A
	- Excessive discharging rate for any battery	(See append table Annex M)	N/A
M.3.3	Compliance:	(See appended Tables and Annex M and M.4)	N/A
M.4	Additional safeguards for equipment containing secondary lithium battery		N/A
M.4.1	General		N/A
M.4.2	Charging safeguards		N/A
M.4.2.1	Charging operating limits		N/A
M.4.2.2a)	Charging voltage, current and temperature:	(See Table M.4)	_
M.4.2.2 b)	Single faults in charging circulitry	(See Annex B.4)	_
M.4.3	Fire Enclosure		N/A
M.4.4	Endurance of equipment containing a secondary lithium battery		N/A
M.4.4.2	Preparation		N/A
M.4.4.3	Drop and charge/discharge function tests		N/A
	Drop		N/A
	Charge		N/A
	Discharge		N/A
M.4.4.4	Charge-discharge cycle test		N/A
M.4.4.5	Result of charge-discharge cycle test		N/A
M.5	Risk of burn due to short circuit during carrying		N/A
M.5.1	Requirement		N/A
M.5.2	Compliance and Test Method (Test of P.2.3)		N/A
M.6	Prevention of short circuits and protection from other effects of electric current		N/A
M.6.1	Short circuits		N/A
M.6.1.1	General requirements		N/A
M.6.1.2	Test method to simulate an internal fault		N/A
M.6.1.3	Compliance (Specify M.6.1.2 or alternative method):		N/A
D/1-	.01	-10 - M	1



Page 31 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek anb	oten August August A	tek abotes Anbo	P2.
M.6.2	Leakage current (mA):		N/A
M.7	Risk of explosion from lead acid and NiCd batteries		N/A
M.7.1	Ventilation preventing explosive gas concentration		N/A
M.7.2	Compliance and test method		N/A
M.8	Protection against internal ignition from external spark sources of lead acid batteries		N/A
M.8.1	General requirements		N/A
M.8.2	Test method		N/A
M.8.2.1	General requirements		N/A
M.8.2.2	Estimation of hypothetical volume Vz (m³/s):		_
M.8.2.3	Correction factors:		
M.8.2.4	Calculation of distance d (mm):		
M.9	Preventing electrolyte spillage		N/A
M.9.1	Protection from electrolyte spillage		N/A
M.9.2	Tray for preventing electrolyte spillage		N/A
M.10	Instructions to prevent reasonably foreseeable misuse (Determination of compliance: inspection, data review; or abnormal testing)		N/A
N	ELECTROCHEMICAL POTENTIALS		N/A
	Metal(s) used	Pollution degree considered	_
0	MEASUREMENT OF CREEPAGE DISTANCES A	ND CLEARANCES	N/A
	Figures O.1 to O.20 of this Annex applied:		_
Р	SAFEGUARDS AGAINST ENTRY OF FOREIGN (INTERNAL LIQUIDS	OBJECTS AND SPILLAGE OF	N/A
P.1	General requirements		N/A
P.2.2	Safeguards against entry of foreign object		N/A
	Location and Dimensions (mm)		_
P.2.3	Safeguard against the consequences of entry of foreign object		N/A
P.2.3.1	Safeguards against the entry of a foreign object		N/A
	Openings in transportable equipment		N/A
	Transportable equipment with metalized plastic parts:		N/A



Page 32 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek anb	otes And Andrew Andrew A	tek abotek Ambo	- D
P.2.3.2	Openings in transportable equipment in relation to metallized parts of a barrier or enclosure (identification of supplementary safeguard):		N/A
P.3	Safeguards against spillage of internal liquids		N/A
P.3.1	General requirements		N/A
P.3.2	Determination of spillage consequences		N/A
P.3.3	Spillage safeguards		N/A
P.3.4	Safeguards effectiveness		N/A
P.4	Metallized coatings and adhesive securing parts		N/A
P.4.2 a)	Conditioning testing		N/A
	Tc (°C):		_
	Tr (°C)		_
	Ta (°C):		_
P.4.2 b)	Abrasion testing:	(See G.13.6.2)	N/A
P.4.2 c)	Mechanical strength testing	(See Annex T)	N/A
Q	CIRCUITS INTENDED FOR INTERCONNECTION	I <mark>WI</mark> TH BUILDING WIRING	N/A
Q.1	Limited power sources		N/A
Q.1.1 a)	Inherently limited output		N/A
Q.1.1 b)	Impedance limited output		N/A
	- Regulating network limited output under normal operating and simulated single fault condition		N/A
Q.1.1 c)	Overcurrent protective device limited output		N/A
Q.1.1 d)	IC current limiter complying with G.9		N/A
Q.1.2	Compliance and test method		N/A
Q.2	Test for external circuits – paired conductor cable		N/A
	Maximum output current (A):		
	Current limiting method:		_
R	LIMITED SHORT CIRCUIT TEST		N/A
R.1	General requirements		N/A
R.2	Determination of the overcurrent protective device and circuit		N/A
R.3	Test method Supply voltage (V) and short-circuit		N/A



Page 33 of 67 Report No.: SZAWW190619003-02S

Anbotek	Anbote kek abotek	IEC 62368-1	Anbotek	Anboten	Proposek.
Clause	Requiremen	nt + Test	Result - F	Remark	Verdict

S	TESTS FOR RESISTANCE TO HEAT AND FIRE	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	N/A
	Samples, material:	_
	Wall thickness (mm):	_
	Conditioning (°C):	_
	Test flame according to IEC 60695-11-5 with conditions as set out	N/A
	- Material not consumed completely	N/A
	- Material extinguishes within 30s	N/A
	- No burning of layer or wrapping tissue	N/A
S.2	Flammability test for fire enclosure and fire barrier integrity	N/A
	Samples, material:	_
	Wall thickness (mm)	_
	Conditioning (°C)	_
	Test flame according to IEC 60695-11-5 with conditions as set out	N/A
	Test specimen does not show any additional hole	N/A
S.3	Flammability test for the bottom of a fire enclosure	N/A
	Samples, material:	_
	Wall thickness (mm):	_
	Cheesecloth did not ignite	N/A
S.4	Flammability classification of materials	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	N/A
	Samples, material:	_
	Wall thickness (mm):	_
	Conditioning (test condition), (°C):	_
	Test flame according to IEC 60695-11-20 with conditions as set out	N/A
	After every test specimen was not consumed completely	N/A



Page 34 of 67 Report No.: SZAWW190619003-02S

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek no	rew Yupon W. Wolek Yupone	rek spotes Anno	- P2.
	After fifth flame application, flame extinguished within 1 min		N/A
Т	MECHANICAL STRENGTH TESTS		Р
T.1	General requirements		Р
T.2	Steady force test, 10 N	(See appended table T.2)	Р
T.3	Steady force test, 30 N	(See appended table T3)	N/A
T.4	Steady force test, 100 N	(See appended table T4)	Р
T.5	Steady force test, 250 N	(See appended table T5)	N/A
T.6	Enclosure impact test	(See appended table T6)	N/A
	Fall test		N/A
	Swing test		N/A
T.7	Drop test	(See appended table T7)	Р
T.8	Stress relief test	(See appended table T8)	Р
T.9	Impact Test (glass)		N/A
T.9.1	General requirements		N/A
T.9.2	Impact test and compliance		N/A
	Impact energy (J)		_
	Height (m)		_
T.10	Glass fragmentation test	(See sub-clause 4.4.4.9)	N/A
T.11	Test for telescoping or rod antennas		N/A
	Torque value (Nm)		_
IJ	MECHANICAL STRENGTH OF CATHODE RAY AGAINST THE EFECTS OF IMPLOSION	TUBES (CRT) AND PROTECTION	N/A
U.1	General requirements		N/A
J.2	Compliance and test method for non-intrinsically protected CRTs		N/A
U.3	Protective Screen:	(See Annex T)	N/A

1.5	V	DETERMINATION OF ACCESSIBLE PARTS (FINGERS, PROBES AND WEDGES)				
	V.1	Accessible parts of equipment		Р		
100	V.2	Accessible part criterion		Р		



Page 35 of 67 Report No.: SZAWW190619003-025

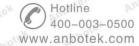
4.1.2 TAB	LE: List of critical com	ponents	Anbor An	otek Anboten	Anbo Pek
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹
Enclosure (plastic)	Interchangeable	Interchangeabl e	V-0, 80°C, Min. Thickness: 1.5mm	UL94	UL Anb
PCB	Interchangeable	Interchangeabl e	V-0, 130°C	UL 94	UL
Polymer Battery	PIXIKA SAS	503040	3.7V, 500mAh, 1.85Wh	IEC 62133:2017	Report No. SZABB1190 610005-01

Supplementary information:

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

4.8.4, 4.8.5	TABLE: Lit	hium coin/button cell batteries	s mechanical tests	N/A	
(The follow	ving mechanical	tests are conducted in the seque	nce noted.)		
4.8.4.2	TABLE: Str	ess Relief test	otek Anbo ok motek	_	
Part Mate <mark>ria</mark> l			Oven Temperature (°C)	Comments	
Anbo	k hotek	Anbote And And	Anbor Anbor An sotek	Anboten	
4.8.4.3	TABLE: Bat	tery replaceme <mark>nt</mark> test	abately Anbote Ann	_	
Battery pa	art no		Andotek Anboten Anbo	_	
Battery In	stallation/withdr	awal	Battery Installation/Removal Cycle	Comments	
botek	Anboro P	otek Anbotek Anbi	A hotek Anbote	Yun tek-	
4.8.4.4	TABLE: Dro	p test	book Anbotek Anbotek	_	
Impa	act Area	Drop Distance	Drop No.	Observations	
Anb	Anbotek Anbote Anbote		Ann Anbotek Anbo	rek An.	
4.8.4.5	TABLE: Imp	act Management	K Annotek Anbotek Anb	_	
Impacts per surface Surface tested		Surface tested	Impact energy (Nm)	Comments	
, notek	Aupoter	Ande Lek - abotek Ar	Thore An Otel	Anbo A	
4.8.4.6	TABLE: Cru	sh test	Anbotes And otek Anbotek	_	
Test position Surface tested		Surface tested	Crushing Force (N)	Duration force applied (s)	
tek A	upole. Yun	otek anbatek Anbo	Wotek Autoten Aub	sek - abote	
Suppleme	ntary information	11 -k hotek anbo	Arrive tek shotek A	'upo.	

4.8.5	TABLE: Lith	ium coin/button cell batteries me	echanical test result	otek Ar pote N/A
Test	position	Surface tested	Force (N)	Duration force applied (s)



¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.



Page 36 of 67 Report No.: SZAWW190619003-02S

Aug Potest	Anbotek	Aupore	Anv	Anborek	Anbo	Anbotek	Aupoter
Supplementary info	ormation:	Anbo	A. Potek	Anbote	Anbatek	Anbotek	Anbore

5.2	Table: 0	Classification of	electrical energy	sources	ote.	Vur.	bolo	N/A	
5.2.2.2 -	- Steady Stat	e Voltage and Cu	irrent conditions						
No Supply		Location (e.g.	T (PC		Parameters				
No.	Voltage	circuit designation)	Test conditions				I Apk or Arms) Hz		
101	abotek	Aupor -	wotek Anh	other Pupo	rek hote		Anbote.	Ann	
	A. abotek	Aupote, K	And	invotek Anb	Jotek Anbot		Aribote Aribote		
Aupor	K AI	ek Anboten	Anb	abotek P	'upo's	VIII.	cek -Ani	ocer	
5.2.2.3 -	Capacitance	Limits							
	Supply	Location (e.g.			Parameters				
No.	Voltage	circuit designation)	Test conditions	Capacitano	Capacitance, nF		Upk (V)		
oten	Anbo rek	h. abotek	Anbole - Anb	Inpole - Ann Stek -nbotek		Anbo All botek		K An	
	Inbotek Anbore Andrew		Vipore. b	nb Anbotek		Aupore Au		,olek	
	K Vupo.	tek Air	Kupoten	Anbotek - Anbotek		Vupo,	Anbote An		
5.2.2.4 -	Single Pulse	es			-				
Supply Location (e.g.				Parameters					
No.	Voltage	circuit designation)	Test conditions	Duration (ms)	ms) Upk (V)		lpk (mA)	ES Clas	
nbotek	Vipolo.	k hotek	Normal	100, - N	botek -	Anbolen	_Anbo	Net Y	
	Anbote	-k Ann hotek	Abnormal	Anbo	tek Anborok		- Ano	otek_	
	otek Anb	upotek Aupo	Single fault – SC/OC	Anbotek Anbotek			ote P	Anbotek	
5.2.2.5 -	Repetitive P	ulses						-	
Supply Location (e.g.		Location (e.g.	_	Parameters					
No.	/oltogo	circuit designation)	Test conditions	Off time (ms)	Upk (V)		lpk (mA)	ES Class	
Kupo,	- Pur	otek Anboten	Normal	h. abotek	Anbore-	billo.	otek-	potek	
PUDO	ole Au	abotek Anbel	Abnormal	nbotek	Anbor	Y Ann	notek	Anbotek	
	nbor	" ofek of	Single fault – SC/OC	ek - Anbotek	ok Ant	Jose I	Aupotek Vun	Anbote	

Shenzhen Anbotek Compliance Laboratory Limited

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



Page 37 of 67 Report No.: SZAWW190619003-02S

F 4 Ambote	ADI E. Tiek	tek Aup	Oro A	notek.	Anto	otek Anbe	484	Anbovek P
5.4.1.4, 6.3.2, 9.0, B.2.6	ABLE: Temperature						Anbotek	Anbotek
tek no	Supply voltage (V)	Vun.	Anbotek	5Vdc	No	3.8Vd	dc Anboten	_
IDO. P.	Ambient T _{min} (°C)	Ans of the	. Aupo	tek b	upor	k hotek	Anbol	_
Anbou	Ambient T _{max} (°C)	Amb	rek .	thotek.	Vupor	V. Vo	ek An	_
Anbor	Tma (°C)	Anb.	- tek	40.0	Anb	40.0) otek	
Maximum mea	asured temperature T				Т (°C)		Allowed T _{max} (°C)
PCB near Mici	ro USB	Vi. Potek	Anboten	59.0	181	72.0	Anbore	130
Battery surface	e cell	Ann	anbo'	51.1	'po.	49.4	Anbok	Ref.
Internal wire	Lotek Anbote	Ann	tek or	51.4	Anbor	52.6	K An	80
PCB near U1	aptek Anto	An	N. W.	56.6	Anb	63.8	B _{otek}	130
PCB near U7	otek An	poter Ar	ube sak	58.4	P	81.2	, tek	130
PCB near U8	K Notek	anbote.	Anb	59.7	ek.	73.6	Aup Ofek	130
Inside enclosu	re	Anbotek	Ambo	46.4	notek	45.4	Vup.	80
Outside enclos	sure	Moter	Anbol	46.3	"otek	44.8	3 Anbo	80
Supplementar	y information:	ak abot	cek An	1016	Ann	tek anboti	Pup Vup	o. A
Temperature 7	Γ of winding:	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	R ₂ (Ω	2) T (°C)	Allowed T _{max} (°C)	Insulation class
Anbore.	Ann	Npotek-	Aupon	Not.	3K	Anhoter	'Upo	- abotek
Supplementar Note 1: Tma s	y information: hould be considered a	as directed b	y appliabl <mark>e</mark>	requireme	ent	Anbotek	Anbote	Anbo

5.4.1.10.2	TABLE: Vicat softening temperature of the	rmoplastics	Anbotek	Anboten Ar	N/A
Penetration	(mm):	All.	Anbotek	Aupo	_
Object/ Par	t No./Material	Manufacturer/t rademark		T softening (°C)	

supplementary information:

5.4.1.10.3 TABLE: Ball p	ressure test of thermoplastic	S And Anbotek	N/A ×
Allowed impression diameter	r (mm):	≤ 2 mm	Anbor —
Object/Part No./Material	Manufacturer/trademark	Test temperature (°C)	Impression diameter (mm)
hus stek upotek	Tubo M. Tuotek Wu	oter Ann	botek Arbot Ar
Supplementary information:	Anbor An notek	Anboten Anbo tek	abotek Anbote

Shenzhen Anbotek Compliance Laboratory Limited

Note 2: Tma is not included in assessment of Touch Temperatures (Clause 9)



Page 38 of 67 Report No.: SZAWW190619003-02S

5.4.2.2, TABLE: Minimum C 5.4.2.4 and 5.4.3	learances	s/Creepaç	ge distance	otek An	botek I	Anbotek	N/A
Clearance (cl) and creepage distance (cr) at/of/between:	Up (V)	U r.m.s. (V)	Frequenc y (kHz) ¹	Required cl (mm)	cl (mm) ²	Required ³ cr (mm)	cr (mm)
-Anbotek Anbo	K pri	ooke	And -otek	Anbotek	Hupor	- Au	potek A
Anbotek Anbo Lotek Anh	otek	Anbore.	Ans	-Anbot	- Pup	otek A.	nbotok
Supplementary information:	nbotek	Aupor	ok bi	stek Ani	poter.	'up stek	nbotek

5.4.2.3	TABLE: Minimum Clea	arances distances using	required withstand	voltage	N/A
work.	Overvoltage Category	(OV): Anbole	And Stek Ar	ipotek Vupo,	N. Dir
Ans otek	Pollution Degree:	k hotek Anbote	Ann	anbotek Ant	or k
Clearance	distanced between:	Required withstand voltage	Required cl (mm)	Measured (cl (mm)
lex Mul	oten Ann tek	abotek Anabee	in otek Anbotek	Aupo.	A. hotek
dek	Anbotek Anbo	holek -Anbole	And stek-	ak Anbors-	r ro
Suppleme	ntary information:	All Anboten	Anbo	botek Anbore	Am

5.4.2.4 TABLE: Clearances bas	ed on electric strengt	h te <mark>st</mark>	N/A
Test voltage applied between:	Required cl (mm)	Test voltage (kV) peak/ r.m.s. / d.c.	Breakdown Yes / No
Jek hotek Anbor An	notek Anbotek	Anbo	K Anbore And
Supplementary information:	no otek Anbotek	Anbo Ar	otek Anboten Anb

5.4.4.2, T 5.4.4.5 c) 5.4.4.9	ABLE: Dis	tance through insulatio	n measurem	ents Anbatel	k Anbotek	N/A Anbotek
Distance throu insulation di at		Peak voltage (V)	Frequency (kHz)	Material	Required DTI (mm)	DTI (mm)
shotek Anl	pote.	ntek nbotek	Aupor	An Hotek	Auporen Au	100 Legy
hotek	Anboter	Anbotek - nbotek	Vapore.	An	Anbotek	Anbo. Lok
Supplementary	y informatio	n: Ando sek abote	K Anbore	K Ans otok	Anbotek	Anbo

5.4.9	TABLE: Electric strength tests	hotek Anbotek	Anbo sek ab	N/A
Test voltag	e applied between:	Voltage shape (AC, DC)	Test voltage (V)	Breakdown Yes / No
ru-	Aupotek Aupo Pek apotel	Anbote And	otek -nbotek	Aupor - Ai
Supplemer	ntary information:	otek Anboten Ar	Anbotek Anbotek	K Anbotek



Page 39 of 67 Report No.: SZAWW190619003-02S

Supply Voltage (V), Hz	Test Location	Operating Condition (N, S)	Switch position On or off	Measured Voltage (after 2 seconds)	ES Classification
otek onbotek	Anbor-	Vi. Polek	Anboten	Anbo tek Abotek	Anbore An
Supplementary informat	ion: Mabolio	All	nbotek	Aubo. K W.	ek Anbore
X-capacitors installed fo	r testing are:				
□ bleeding resistor ration	ing:				
□ ICX: MAN					
Notes:					
A. Test Location:					
Phase to Neutral; Phase	to Phase; Ph	nase to Earth; a	nd/or Neutral	to Earth	
B. Operating condition a					
N - Normal operating co					

5.6.6.2 TABLE: Resistance of	protective condu	ctors and terminati	ons	Vek V	/A
Accessible part	Test current (A)	Duration (min)	Voltage drop (V)	Resistano (Ω)	ce
Supo Nek Potek Vupote.	AND STEK	Anbotek Anbot	by botek	Anboten	P
Supplementary information:	otek Knootek	Anbotek An	potek Anbote	k Anbote	nte ^K

5.7.2.2, 5.7.4	TABLE: Earthed accessible conductive par	Anbotek Anbotek Ar	N/A
Supply vo	ltage	lek nbotek Anbote	
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)
Pur	hotek Anboten Anbo sek abotek	Aupore Vunniter	potek -Anbo.

Supplementary Information:

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.

6.2.2 Table: Electrical power sources (PS) measurements for classification N/A							
Source	De	escription	Measurement	Max Power after 3 s	Max Power after 5 s*)	PS Classification	





Page 40 of 67 Report No.: SZAWW190619003-02S

3	Am	Anbotek	Power (W)	:	obotek Anbote	And notek-	K Anbot
9	k And Lotek	Anbotek	V _A (V)		botek Anbote	Ann stek Ant	ofek - Fupore
0	Anti-	ek Anbotek	I _A (A)		Anbote	Aup-	abotek Anbote

Supplementary Information:

(*) Measurement taken only when limits at 3 seconds exceed PS1 limits

6.2.3.1	Table: Determination	on of Potential Ign	ition Sources (Arc	ing PIS)	N/A
		Open circuit voltage After 3 s	Measured r.m.s	Calculated value	Arcing PIS?
	Location	(Vp)	(Irms)	(V _p x I _{rms})	Yes / No
Anbo	Otek Anbot	Ann	sbotek An	or by	Anboten P

Supplementary information:

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_{ms}) is greater than 15.

	6.2.3.2	Table: Dete	ermination of Po <mark>te</mark> ntia	al Ignition Sour	ces (Resistive F	PIS) Anbotek Ant	N/A
	Circuit Lo	ocation (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
ç	0. b	notek	Anboten Anbo	- notak	Anboy P	otek Anbote	Aup

Supplementary Information:

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	nek Anbotek Anbote	Anbores N/Aek
Description	Values	Energy Source Classification
Lamp type	Anboten Anbo tek	_
Manufacturer	Anbotek Anbo Ak	_
Cat no.	Anbotek Anbote	_
Pressure (cold) (MPa):	ek abotek Anbote	MS_



Page 41 of 67 Report No.: SZAWW190619003-02S

Pressure (operating) (MPa)	tek Anboten Anbo	MS_
Operating time (minutes):	botek Anbotes Anb	_
Explosion method:	notek Anbotek Anbe	_
Max particle length escaping enclosure (mm) .:	Ans anbotek A	MS_ MS_
Max particle length beyond 1 m (mm)	And otek anbotek	MS_
Overall result	Anno tek abotek	Anbore K Am
Supplementary information:	hotek Anbotek Anbotek	Anbotek Anbotek

B.2.5	TABLE: Inp	ut test					abotek PAnbe
U (V)	L(A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status
Supplied b	by DC 5V sourc	e, with an emp	ty battery:	Annatek	anbotel	Anbo	k hotek
ek And	0.380	otek Anbotek	1.907	hotek Anbote	otek Anbr	hotek Anbotek	1KHz audio signal to deliver the 1/8 Max. Non-Clipped output power on speakers. Charging mode.
Supplied b	y internal full b	attery:	ANDO	Americk	Anbotek	Anbo	ak abotek Ar
Ant 3.8	0.230	Aupotek Aupotek	ek Anhor	otel Anbotek Anbotek Anbotek	Anbotel Anbo	ek Anh	1KHz audio signal to deliver the 1/8 Max. Non-Clipped output power on speakers. Discharging mode.

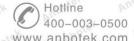
B.3 Mootes 1	ΓABLE: Abnorm	nal operating	condition to	ests					P.K
Ambient temp	perature (°C)	n notek	Anbote	N. A.O	i.otel	24.6-2	25.2	Aupo	
Power source	for EUT: Manuf	acturer, model	/type, outpu	ıt rating	Pup	See p	age 2 for d	etails *****	
Component N	No. Abnormal Condition	Supply voltage, (V)	Test time (ms)	Fuse no.	-	ise nt, (A)	T-couple	Temp. (°C)	Observation
Whole apparatus	Maximum non- distortion	5Vdc	10min		-				No hazard, until steady conditions were established.

Supplementary information:

Test table is provided to record abnormal and fault conditions for all applicable energy sources including Thermal burn injury. Column "Abnormal/Fault." Specify if test condition by indicating "Abnormal" then the condition for a Clause B.3 test or "Single Fault" then the condition for Clause B.4.

e	B.4	Anbote	TABLE: Fault condition tests				Potek
		be.		4.	Dr.	18	40







Page 42 of 67 Report No.: SZAWW190619003-02S

Papole, b	IUD.	hotek.	Pupore	D.C.	Non		olek M	'po	No.
Ambient tempera	iture (°C)	Ans -tek	- abotek		,or	25.0	worker.	Anboten	_
Power source for	· EUT: Manuf	acturer, model	l/type, outpu	ut rating	upote.	P			
Component No.	Fault Condition	Supply voltage, (V)	Test time (ms)	Fuse no.	Fu currer		T-couple	Temp.	Observation
Output	SC	5Vdc	10mins		-	-		1	Unit shut down immediately, protection, no damaged, no hazard.
U8 pin1-8	SC	5Vdc	10mins	-1	-	-		ł	Unit shut down immediately, protection, no damaged, no hazard.
Battery	Overcharg e	5Vdc	7h		-	-		1	Temperature stability and no hazards.
Battery	Over discharge	5Vdc	7h	ı	-	-		-	Temperature stability and no hazards.
Battery B- to P-	SC	5Vdc	10mins		-	-			Unit shut down immediately, protection, no damaged, no hazard.
Speaker	SC	5Vdc	10mins		-	-			Normal operation, only the speaker is not working. No damaged, no hazard.



Page 43 of 67 Report No.: SZAWW190619003-02S

Annex M	TABLE: Batt	eries						otek	Anbo P
The tests o	f Annex M are	applicable	only when app	ropriate ba	attery data	is not ava	ailable	nbotek	N/A
Is it possibl	e to install the	battery in a	reverse polari	ty position	?	Aup	No	abotek	Anbore
	Non-re	echargeable	e batteries		F	Rechargea	ble batteri	es	
	Disch	arging	Un-	Cha	rging	Disch	arging	Reverse	ed charging
	Meas. current	Manuf. Specs.	intentional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.
Max. currer during norn condition	- AD*	otek Anb	Upotek - Yu	136mA	250mA	210mA	250mA	nbotek Anbotek	Anbote Anbote
Max. currer during fault condition	0,00	Anbotek Anbotek	Anbo Antotek	148mA	250mA	221mA	250mA	Anbote Ant	Jokek - And
Test results	- botek	Anhore	An	e* ~ ~	potek	Anbor	bu	10K	Verdict
- Chemical	leaks	Anb	You. YU.	-tak	abotek	Aupole	No leaka	ige	anbPtek
- Explosion	of the battery	otek	nboto Ani	tek	anbotek	Anbo	No explo	sion	Phote
- Emission	of flame or exp	ulsion of m	olten <mark>metal</mark>	Anto	Anbol	OK by	No flame	Pun Pote	K P _{Anb}
- Electric st	rength tests of	equipment	after completion	on of tests	sk n	potek	Vupore A	Prop	otek A
Supplemen	tary informatio	n: Anbotek	tek Anbotek	Anbo.	Jolek	Anbotek	Anboten	rek brus	nbotek

Battery/Ce	II Te	est conditions		Observation			
No.			U	1((A)	Temp (C)	
Aupor	VII.	Anboten Anbo	rok P.	ootek _	Anbole.	Ano	. notek
Supplementary Ir	formation:	Anbotek Anb	anbotek A.	Anbotek	Anbote.	cek Anb	tek Anbote
							1.00
Battery identification	Charging at Tlowest (°C)	Observa	ation	Chargir T _{high} (°C	est	Obs	ervation



Page 44 of 67 Report No.: SZAWW190619003-02S

Annex Q.1	TABLE: Circuits into	ended for interco	nnection with	building wirin	g (LPS)	N/A	
Note: Meas	ured UOC (V) with all l	oad circuits discon	nected:	botek Anbot	er Aupo	ek abole	
Output	Components	U _{oc} (V)	Isc	(A)	S (V	′A)	
Circuit			Meas.	Limit	Meas.	Limit	
An	Anbotek Anbo	olek - nbotek	Arthore.	Ans hotek	Anbotek	Anbor	
A. nbotel	Anbote, Ant	notek - anbote	- Fupor	ak abotek	Ansotek	Anbo otek	
3, 4,5	tary Information:	in lotek Anbi	otek Anbo.	rek work	ek Anbore	Anto	
SC=Short o	circuit, OC=Open circuit				otek Anbote		

T.2, T.3, T.4, T.5	LE: Steady force te	st Anbolek	Anbotek	Anbotek Ant	Anbotek Anbote P
Part/Location	Material	Thickness (mm)	Force (N)	Test Duration (sec)	Observation
Complete EUT Plastic material enclosure		Min. 1.5	100	5s Anbote	No energy source exceed class 1 can be accessed
Supplementary in	formation:	Anboatek	Milotel	Anbotes Ant	notek Anbotek

T.6, T.9	TABLE	: Impact tests	anbotek Ant	DOLO. WWW.	anbote	Anbox	N/A
Part/Locatio	on	Material	Thickness (mm)	Vertical distance (mm)		Observation	
Aupore	P.U.	otek - Anbotek	Aupo Pak	A DO CK	Anbore.	And	nbotek
Supplementar	y inforn	nation:	ek Aupor	k Purek	Anboten	Aupo	abotek

			107
Material	Thickness (mm)	Drop Height (mm)	Observation
Plastic material	Min. 1.5	1 000 mm	No energy source exceed class 1 can be accessed
	O	(mm) Plastic material Min. 1.5	(mm) (mm) Plastic material Min. 1.5 1 000 mm

T.8	TABL	E: Stress relief	test Market	Pri potek	inpotes Aug	stek sabelek P Anbe
Part/Locat	tion	Material	Thickness (mm)	Oven Temperature (°C)	Duration (h)	Observation



Page 45 of 67 Report No.: SZAWW190619003-02S

Enclosure	Plastic material	Min. 1.5	70	Anbotek Anbotek	No energy source exce class 1 can be accesse
Supplementary in	formation:	Anbotek Anbo	rek upok	ak Anbote	K And otek And



Page 46 of 67 Report No.: SZAWW190619003-02S

Aupo	Anbotek Anbote	National Differences	Anbot An Anbotek	Anboten
Clause	Requirement + Test	Anbotek Anbotek	Result - Remark	Verdict

ATTACHMENT TO TEST REPORT IEC 62368-1

Audio/video, information and communication technology equipment –

Part 1: Safety requirements

AUDO	EUROPEAN NATIONAL DIFFERENCES	"upote"
	Anbo Editor Lait Manorae Bill Televoco	
	according to EN 62368-1:2014/Ac:2015	
	according to 214 of occupy 1.20 1 1/7 (c).20 10	
Ser Map	CENELEC COMMON MODIFICATIONS	tek
notek	Ant Jek Milo A	191
lause	Requirement + Test Result - Remark	Verdi
eneral	Clauses, subclauses, notes, tables, figures and annexes which are additional	Anh P.e
	to those in IEC 62368-1:2014 are prefixed "Z".	da
	Anbou A Arek Kubols Anbotek Anbotek	Dir
	Attention is drawn to the possibility that some of the elements of this	P
	document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.	re _K
	Thot be field responsible to identifying any or all sacri paterix rights.	ntek
	This standard covers the Principle Elements of the Safety Objectives for	bo
	Electrical Equipment Designed for Use within Certain Voltage Limits (LVD -	Anbore
	2006/95/EC).	da
	Anbo ok potek Anbote Anbote Anbotek Anbo	p.
	Requirement of sound pressure for personal music player addressed by the	8
	mandate M/452 are covered in 10.6 "Safeguards against acoustic energy	6K
	sources".	-otek
	Anbore Ann tek nbotek Anbo K An otek Anbote An	p-
	For equipment falling within the scope of directives other than those against	Anboro
	which this standard is harmonized, additional requirements from those	Anb
	directives may apply.	
4 100	ek Aupor A. Deek Aupore Aup Fek abatek Aupor	P
ontents	Add the following annexes:	Р
	Annex ZA (normative) Normative references to international publications	Nero
	with their corresponding European publications	, teV
	Anbote Anbotek Anbotek Anbotek Anbotek	Vupo.
	Annex ZB (normative) Special national conditions	Anbo
	An tek Anbotek Anbo ak hotek Anbote And	
	Annex ZC (informative) A-deviations	V. Pr
	otek Anbore Ann tek abotek Anbor K Ar atek Anbor	
	Annex ZD (informative) IEC and CENELEC code designations for flexible	otek
	cords And Lotek Andolek Andolek Andolek Andolek	tek
	note And tak about Arr atak	upo





Page 47 of 67 Report No.: SZAWW190619003-02S

		National Diffe	rences		
Clause	Requirement + Test	k Pupp	Anbote	Result - Remark	Verdict
Aup	ek Anbotek Anbot	Ar hotek	Anb	otek Anbo tek	abotek Anb
ZA Anbo	NORMATIVE REFERE WITH THEIR CORRES			ONAL PUBLICATIONS I PUBLICATIONS	Anbotek





Page 48 of 67 Report No.: SZAWW190619003-02S

Anbo	Anbotek Anbote	National Differences	Anbot Anbotek	Anboten
Clause	Requirement + Test	Anbotek Anbotek	Result - Remark	Verdict

	ZB ANNEX (normative SPECIAL NATIONAL COND	T V - 01	
Clause	Requirement + Test	Result - Remark	Verd
4.1.15	Denmark, Finland, Norway and Sweden	Ate Stek Anboth	N/.
	k botek Anbor An tek anbore	Anbo K	otek Anbo
	To the end of the subclause the following is	otek Anbore An	100
	added:	ok hotek	Anbore A
	tek obotek Anbo k notek	Anbote. And	botel
	Class I pluggable equipment type A	notek Anbore	V.
	intended for connection to other equipment or	Yun Yek Josek	Anbo
	a network shall, if safety relies on connection	Anbotek Anbote	K aboten
	DATE OF THE PARTY	K -ofer Anbo	Y
	to reliable earthing or if surge suppressors are	100	oten Anbo
	connected between the network terminals and	Dr.	otek N
	accessible parts, have a marking stating that	ntek anboten p	Aupo -K
	the equipment shall be connected to an	rupo. Wek	Anbote.
	earthed mains socket-outlet.	aboten Anbo	"orek
	Albore Ann tek potek Anbo	otek Anboter	And
	The marking text in the applicable countries	Anbe k sotel	K ANDORE
	shall be as follows:	K Anbote. And	ton You
	And de de l'ollewe.	K hotek Anbi	Aug Aug
	In Danmark: "Apparatate etikaren ekel	oter Aup	notek An
	In Denmark : "Apparatets stikprop skal	sotek anbote A	'un
	tilsluttes en stikkontakt med jord som giver	nt hotek	Anbore
	forbindelse til stikproppens jord."	upole And	abolek.
	Arbo k An otek Anbote An	botek Anbore	All stek
	In Finland: "Laite on liitettävä	An tek abotel	Ando
	suojakoskettimilla varustettuun pistorasiaan"	Aupor Air	tek spot
	Anbot Anbote Anbote Ant	tel abotek Anbe	, v
	In Norway : "Apparatet må tilkoples jordet	Ai. Stek	aboten Ani
	stikkontakt"	abotek Anbo k	rek
	ipole Ann tek Spotek Anbos A	atek Anboten	Anbo
	In Sweden : "Apparaten skall anslutas till jorda	at how work	Anbore
	uttag"	Anbote Anb	botek
	Aritag Aritag Ariba Ariba	hotek Anbote	bu.
VII.	Holes I Kin a law at a solet	Anu Lek abo	rek Pupor
4.7.3	United Kingdom	tel Anbore An	N/.
onbot	Anbo K Solek Anbole Anb	ek spotek Ar	po. Vi
	To the end of the subclause the following is	ipo Air	nboter
	added:	botek Anbo	B. CLEK
	Anbore And Lek Hotek Anbore	A atek abotek	Anbo
	The torque test is performed using a socket-	Aupo. K Air	Anboten
	outlet complying with BS 1363, and the plug	anboten Anbo	-K -ote
	part shall be assessed to the relevant clauses	A ntek anbot	Yupo,
	of DC 1363 Also soo Annoy C 1 3 of this	Aupo A	sotek anb
zhen Anbot	of BS 1363 Also see Annex G.4.2 of this	K Loter An	D.







Aupore	Anbotek Anboten	National Differences	Anbote And And Abotek	Anbotek
Clause	Requirement + Test	k hotek Anbote	Result - Remark	Verdict

abotek Ani	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek	annex Ambotek Ambotek Ambotek	Anbotek Anbotek	Anbotek Anbotek
5.2.2.2	Denmark	ek Anbote K Anb	N/A
	After the 2nd paragraph add the following:	otek Anbotek Anbote	k Ar
	A warning (marking safeguard) for high touch current is required if the touch current	Anbotek Anbotek Anb	nbotek
Anbotek	exceeds the limits of 3.5 mA a.c. or 10 mA d.c.	Anbotek Anbotek	Anbotek
5.4.11.1 And	Finland and Sweden	otek Anbotek Anbote	N/A
Annex G	To the end of the subclause the following is added:	Anbotek Anbotek Anb	nbotek
Anbotek Anbotek	For separation of the telecommunication network from earth the following is applicable:	k Anbotek Anbotek	Anbotek
ek Aupore	If this insulation is solid, including insulation	otek Anbotek Anbotek	Ant
abotek A	forming part of a component, it shall at least consist of either	notek Anbotek Anbo	cek
	• two layers of thin sheet material, each of	Anbotek Anbotek A	Anbotek
Anbotek Anbotek	which shall pass the electric strength test below, or	otek Anbotek Anbotek	Anbote
otek Anbo	one layer having a distance through insulation of at least 0.4 mm, which shall	nbotek Anbotek Anbot	iek br.
	pass the electric strength test below.	Anbotek Anbotek Ar	botek
	If this insulation forms part of a semiconductor component (e.g. an optocoupler), there is no	Anbotek Anbotek	Anbotel Anbote
	distance through insulation requirement for the insulation consisting of an insulating	tek Anbote, Anbotek	Anb
	compound completely filling the casing, so that clearances and creepage distances do not	abotek Anbotek Anbot	er P
Anbotek	exist, if the component passes the electric strength test in accordance with the	Anbotek Anbotek An	Anbotek





Aupotes	Anbotek Anboten	National Differences	Anbotek Anbotek	Anbotek
Clause	Requirement + Test	ak abotek Anbotel	Result - Remark	Verdict

	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek Anbotek tek Anbote botek Anbote	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)	ak Anbotek Anbotek Jotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek
	 using 1.5 kV), and is subject to routine testing for electric strength during manufacturing, using a test voltage of 1.5 kV. 	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	tek Anbotek botek Anbotek
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	Anbotek Anbotek Anbotek Anbotek	Anbriek Albotek
Anbotek Anbotek	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	otek Anbotek Anbo	Potek Vupork
	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	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek Anbotek Anbote
	5.4.11;	otek Anbotek	Anbotek Anb
5.4.11.1 And Annex G (cont'd)	the additional testing shall be performed on all the test specimens as described in EN 60384-14;	Anbotek Anbotek Anbotek Anbotek Anbotek Anbote	N/A
	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.	hotek Anbotek Anbotek	Anbotek Anb
5.5.2.1	Norway	Anbotek Anbotek	k Ando



Page 51 of 67 Report No.: SZAWW190619003-02S

Anbott	Anbotek Anboten	National Differences	Anbote Ant botek	Anbotek
Clause	Requirement + Test	k hotek Anbotek	Result - Remark	Verdict

botek Anbo	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		Anbotek Ar
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek	After the 3rd paragraph the following is added:	Anbotek Anbote	otek Anbotek
	Due to the IT power system used, capacitors are required to be rated for the applicable line-to-line voltage (230 V).	otek Anbotek A	Anbote Anbo
	Anbote Anbote	Ant stek subotek	Anbou
5.5.6	Finland, Norway and Sweden	Anbotek Anbotek	N/A
	To the end of the subclause the following is added:	otek Anbotek Anbr	nbotek Anbot
	Resistors used as basic safeguard or bridging basic insulation in class I pluggable equipment type A shall comply	Anbotek Anbotek	Anbotek Anbotek
Anbotek	with G.10.1 and the test of G.10.2.	k Anbotek Anbote	tek Anbotek
5.6.1	Denmark Add to the end of the subclause	otek Anbotek Ar	N/A
	Due to many existing installations where the socket-outlets can be protected with fuses with higher rating than the rating of the socket-	Anbotek Anbotek	Anbotek Anbotek
	outlets the protection for pluggable equipment type A shall be an integral part of the	k Anbotek Anbot	botek Anbot
	equipment.	obotek Anbotek	Anbotek Ant
	Justification: In Denmark an existing 13 A socket outlet can	Anbotek Anbotek	Anbotek
	be protected by a 20 A fuse.	Anbote Anu	ek Anbotek
5.6.4.2.1	Ireland and United Kingdom	stek Anbotek An	N/A
	5.6.4.2.1 After the indent for pluggable equipment type A , the following is added:	Anbotek Anbotek	Anbolak A
Anbotek	 the protective current rating is taken to be 13 A, this being the largest rating of fuse used 	Anbotek Anbote	An Anbotek



Aupota	Anbotek Anbotek	National Differences	Anbotes Anti-	Anbotek
Clause	Requirement + Test	ok hotek Anbotel	Result - Remark	Verdict

	ZB ANNEX (normative)		
Clause	SPECIAL NATIONAL CONDI	VI. 194	Ver
Clause	Requirement + Test	Result - Remark	ver
	in the mains plug.	hotek Anbou	Vier.
by,	Anboten Anbo Mark Anbote	Ant tek spotek	Anb
5.6.5.1	To the second paragraph the following is	otek Anbo K Ar otek	N/
	added:	otek Anboten Anb	16
	totek Anbor A. Alek Anboten A	not botek Anbot	
	The range of conductor sizes of flexible cords	Anbore An atek	otek
Anboten	to be accepted by terminals for	anbotek Anbo k	"otel
	equipment with a rated current over 10 A and	Anbote.	b'Up
	up to and including 13 A is:	Anbe ak botek	Anbi
	All otek subotek Anh	tek Anbote And	
	1.25 mm ² to 1.5 mm ² in cross-sectional area.	tek nbotek Anbot	N. P.
	tek Anbote And And Thotak Ar	hoor Andore	
5.7.5	Denmark	Uporek Bugo	N/
thotek	Ambourne Ambourne	hotek Anbote And	IN/
	nboten Anbo ak hotek Anbotek	Ann tek abotek	"Upo"
	To the end of the subclause the following is	Anbor	npo
	added:	tek Anboten Anbo	100
	Anbore All Olek Anboren Anbo	ok hotek Anbote	P.
	The installation instruction shall be affixed to	tote And tek abote	6
poten An	the equipment if the protective conductor	tokek Anbounk An	ek-
	current exceeds the limits of 3.5 mA a.c. or 10	notek Anbotek Anb	You
	mA d.c.	And tak shotek A	aport
Vupo.	And	Anbore An-	odo
5.7.6.1	Norway and Sweden	ek Anbotek Anbo	N/
	Anbor An dek Anboten Anbo	ok hotek Anbote	Ar
	To the end of the subclause the following is	bote And tek nbotel	
	added:	abotek Anbo K A.	NeK.
	Arbote And tek shotek Anbot	notek Anboten Anb	You
	The screen of the television distribution	And tak botek A	Dogo
	system is normally not earthed at the entrance	Anbor Ant	anbot
	of the building and there is normally no	el abotek Anbo	p.
	equipotential bonding system within the	K notek Anboten	PL
	building. Therefore the protective earthing of	poter And	
	the building installation needs to be isolated	botek Anbore And	484
	from the screen of a cable distribution system.	tek abotek Anbo	V.
	ak hole And tek	Anbo Ali otek	poten
	Pole Vin The Pole		
	It is however accepted to provide the	Anbotek Anbo	2000
	It is however accepted to provide the insulation external to the equipment by an adapter or an interconnection cable with	Anbotek Anbotek	Anbote





Aupotes	Anbotek Anboten	National Differences	Anbotek Anbotek	Anbotek
Clause	Requirement + Test	ak abotek Anbotel	Result - Remark	Verdict

ite. And	ZB ANNEX (normative)	
Clause	SPECIAL NATIONAL CONDIT	Result - Remark Verdic
Clause	Requirement + Test	Result - Remark Verdic
	galvanic isolator, which may be provided by a	botek Anbot In ote
	retailer, for example.	ak Anbotek Anbotek Anbo
	The user manual shall then have the following	K kotek Anbotes And
	or similar information in Norwegian and	poter And Lek bote
	Swedish language respectively, depending on	abotek Anbote An tek
	in what country the equipment is intended to	An otek Anbotek Anb
	be used in:	Anbo ok hotek Anbote
	All Jok Hootek Kilbo K Motek	Anbote And tek abotely
	Andrew Anton And	ek abotek Anbot
5.7.6.1	"Apparatus connected to the protective	N/A
(cont'd)	earthing of the building installation through the	boten And tek spotel A
potek An	mains connection or through other apparatus	-botek Anbore An
	with a connection to protective earthing - and	Ann otek anbotek Anb
	to a television distribution system using	Anbo A Motek Ambote
	coaxial cable, may in some circumstances	Ambote Amb tek abotek
	create a fire hazard. Connection to a television	ok abotek Anbor k
	distribution system therefore has to be	K Anbotek Anbotek Anbo
	provided through a device providing electrical	oter And tak stotek Ar
otek Ant	isolation below a certain frequency range	totek Anbore All Cek
	(galvanic isolator, see EN 60728-11)"	otek Anboten Anb
	abotek Anbore Anborek Anborek	Anbo Ak botek Arbote
	NOTE In Norway, due to regulation for CATV-	Anbore And tek nbotek
	installations, and in Sweden, a galvanic isolator shall provide electrical insulation below 5 MHz. The insulation	ok nbotek Anbo
	shall withstand a dielectric strength of 1.5 kV r.m.s., 50	K Notek Anbote Anb
	Hz or 60 Hz, for 1 min.	ote And tek abotek An
	ok notek Anbote And	abotek Anbo K Air colek
	Translation to Norwegian (the Swedish text	hotek Anboten Anb
	will also be accepted in Norway):	And totak Andore
	Anbotek Anbotek Anb	Anbott And stek shotek
	"Apparater som er koplet til beskyttelsesjord	Anbotek Anbo K
	via nettplugg og/eller via annet jordtilkoplet	ok notek Anbotes Anbo
	utstyr – og er tilkoplet et koaksialbasert kabel-	And tek shotek An
	TV nett, kan forårsake brannfare. For å unngå	abotek Anbor An
	dette skal det ved tilkopling av apparater til	notek Anbotek Anbo
	kabel-TV nett installeres en galvanisk isolator	Anbotek Anbotek
	mellom apparatet og kabel-TV nettet."	Anbote Ann tek abotek
	And Lek above And	anbo. Anbo.





Anbore	Anbotek Anbotek	National Differences	Anbotes Ankerbotek	Anbotek
Clause	Requirement + Test	.k hotek Anbote	Result - Remark	Verdict

te And	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		itek A
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek	Translation to Swedish:	Anbotek Anbotek	Auporek
	"Apparater som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning	lek Anbotek Anbotek	Anbe
	och samtidigt är kopplad till kabel-TV nät kan i	potek Anbout Anbo	rek N
	vissa fall medfőra risk főr brand. Főr att undvika detta ska <mark>ll vi</mark> d anslutning av	Anbote, Anb	,botek
	apparaten till kabel-TV nät galvanisk isolator	Anbotek Anbotek	Aupoter.
	finnas mellan apparaten och kabel-TV nätet.".	ak anbotek Anbotek	Aupor
5.7.6.2	Denmark	otek Anbotek Anbote	N/A
	To the end of the subclause the following is added:	Anbotek Anbotek Anbotek An	loctek otek
	The warning (marking safeguard) for high touch current is required if the touch current or	Anbotek Anbotek	Anbotek
	the protective current exceed the limits of 3.5 mA .	otek Anbotek Anbotek	ek Anbo
D 2 d and	Ireland and United Kingdom	to te And And	NI/A
B.3.1 and B.4	included things on	Anbote And	N/A
Anbotek Anbotek	The following is applicable:	Anbotek Anbotek	Anbotek
	To protect against excessive currents and	tek Anbotek Anbotek	Anbot
	short-circuits in the primary circuit of direct plug-in equipment, tests according to	botek Anbotek Anbote	ek An
	Annexes B.3.1 and B.4 shall be conducted using an external miniature circuit breaker	Anbotek Anbotek Ant	ootek
	complying with EN 60898-1, Type B, rated 32A.	Anbotek Anbotek	Anbotek
	Anbotek Anbotek Anbotek Anbote	tek Anbotek Anbotek	KAnbor
	If the equipment does not pass these tests, suitable protective devices shall be included	botek Anbotek Anbote	OTEK AUT
	as an integral part of the direct plug-in equipment, until the requirements of Annexes	Anbotek Anbotek Anb	nbotek
	B.3.1 and B.4 are met.	Anbotek Anbo	Anbotek





Aupor	Anbotek Anboten	National Differences	Anbote And And botek	Anbotek
Clause	Requirement + Test	k hotek Anbotel	Result - Remark	Verdict

ZB ANNEX (normative) SPECIAL NATIONAL CONDITIONS					
Clause	Requirement + Test	Result - Remark	Verdic		
G.4.2	Denmark	An otek Anbotek	N/A		
	k abotek Anbot K antek Anbot	and hotek	Anbore		
	To the end of the subclause the following is	oolek Anbote An	dn Yar		
	added:	otek Anbotek Anbo	A. P.		
	botek Anbote Am atek anbotek	Arbo ak hotek Ar	ipote b		
	Supply cords of single phase appliances	Anbore Ann tek	abotek		
	having a rated current not exceeding 13 A	"potek Wipor	Air wotek		
	shall be provided with a plug according to DS	K Anboten	AUDO		
	60884-2-D1:2011.	Anbe Lek botek	Anboro		
	And Andrew	Jotsk Anbore Ann	ek nb		
	CLASS I EQUIPMENT provided with socket-	otek anbotek Anbo	-V-		
	outlets with earth contacts or which are	Anbo K A hotek An	bote, b		
	intended to be used in locations where	Anbote Anb	abotek		
	protection against indirect contact is required	abotek Anbote	All		
	according to the wiring rules shall be provided	101	Mypo		
	with a plug in accordance with standard sheet	Anbo ak hotek	Anbore		
	DK 2-1a or DK 2-5a.	otek Anbote Ant	ek nb		
	If a simple of the same to the same DATED	stek spotek Anbo	-K		
	If a single-phase equipment having a RATED	A CONTRACTOR OF THE CONTRACTOR	pote.		
Ole Vi	CURRENT exceeding 13 A or if a poly-phase		"polek		
	equipment is provided with a supply cord with	abotek Anbote	An.		
	a plug, this plug shall be in accordance with	All. Otek Anbotek	MADO		
	the standard sheets DK 6-1a in DS 60884-2-	Anbo ok hotek	Anbore		
	D1 or EN 60309-2.	otek Anbote And	Y , 500		
	Mains socket outlets intended for providing	rek abotek Anbo	N. Pri		
	power to Class II apparatus with a rated	upp. K Wotek Wup	loter, by		
	current of 2.5 A shall be in accordance DS		Aupolek "		
	60884-2-D1:2011 standard sheet DKA 1-4a.	botek Anbote	ALL STEK		
	Other current rating socket outlets shall be in	Arr otek anbotek	Ando		
	compliance with Standard Sheet DKA 1-3a or	Anbo K Motek	Anbote		
	DKA 1-1c.	tel Anbotek Anbotek	1000		
	Mains socket-outlets with earth shall be in	tak spoten Anb	by.		
	compliance with DS 60884-2-D1:2011 Standard Sheet DK 1-3a, DK 1-1c, DK1-1d,	hbotek Anbotek Anb	oter Ar		
	DK 1 50 or DK 1 70	Anboten Anbo Ak	Notek.		
	DK 1-3a 01 DK 1-7a.	hotek Anbote A	"Un		
	Justification:	And tek abotek	Anbor		
	Heavy Current Regulations, Section 6c	Anbor An	abotek		
	Anbore An Anbore	All hotek Anbotek	Anh		





Aupore	Anbotek Anbotek	National Differences	Anbotek Anbotek	Anbotek
Clause	Requirement + Test	ok hotek Anbote	Result - Remark	Verdict

botek An	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		ek A
Clause	Requirement + Test	Result - Remark	Verdict
G.4.2	United Kingdom	Anbotek Anbotek	N/A
	To the end of the subclause the following is added:	ek Anbotek Anbotek	Anbo
	stek Anbotek Anbot An abotek An	botek Anbotek Anbot	ek pi
	The plug part of direct plug-in equipment shall be assessed to BS 1363: Part 1, 12.1, 12.2,	Ambotek Ambotek Am	otek
	12.3, 12.9, 12.11, 12.12, 12.13, 12.16, and 12.17, except that the test of 12.17 is	Anbotek Anbotek	Anbotek
	performed at not less than 125 °C. Where the metal earth pin is replaced by an Insulated	ek Anbotek Anbot	Anbo
	Shutter Opening Device (ISOD), the	otek Anbotes Anb	N AIT
	requirements of clauses 22.2 and 23 also apply.	Anbotek Anbotek Anb	otek
Aupor	mbotek Anbote K Antonia	Anbote Anbotek	hotek
G.7.1	United Kingdom	k Anbotek Anbotek	N/A
	To the first paragraph the following is added:	otek Ambotek Ambotek	Anbo An
otek Anb	Equipment which is fitted with a flexible cable	nuctek Anbotes Anb	lek.
	or cord and is designed to be connected to a mains socket conforming to BS 1363 by	Anbotek Anbotek And	Notek
	means of that flexible cable or cord shall be fitted with a 'standard plug' in accordance with	Anborek Anbotek	Anboten
	the Plugs and Sockets etc (Safety) Regulations 1994, Statutory Instrument 1994	stek Anbotek Anbotek	Anbo
	No. 1768, unless exempted by those	abotek Anbotek Anbote	lek Vu
	regulations.	Anbotek Anbotek Anbr	potek
	NOTE "Standard plug" is defined in SI 1768:1994 and essentially means an	Anbotek Anbotek A	Anbotek
	approved plug conforming to BS 1363 or an	All hoter	Anbote
Anboter Anbote	approved conversion plug.		Ant
G.7.1	Ireland Andrew Andrew Andrew Andrew	Anbotek Anbotek Anbo	N/A
	To the first paragraph the following is added:	Anbotek Anbotek Ar	botek



Page 57 of 67 Report No.: SZAWW190619003-02S

Auport tek	Anbotek Anboten	National Differences	Anbote And And botek	Anbotek
Clause	Requirement + Test	k botek Anbotel	Result - Remark	Verdict

	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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.	Anbotek	Anbotek Anbotek Arbotek Anbotek
G.7.2	Ireland and United Kingdom	ek Anbotek Anbotek	N/A
	To the first paragraph the following is added:	botek Anbotek Anbote	tek An
	A power supply cord with a conductor of 1.25 mm ² is allowed for equipment which is rated over 10 A and up to and including 13 A.	Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek

botek	Anbotek Anboten A	ZC ANNEX (informati	ve)	Anbores Ans
notek.	Anbotek Anbo	A - DEVIATIONS	Arro otek Anbotek	Anbore
Clause	Requirement + Test	hotek Anbote	Result - Remark	Verdict



Page 58 of 67 Report No.: SZAWW190619003-02S

Aupore.	Anbotek Anbotek	National Differences	Anbotes Anna botek	Anbotek
Clause	Requirement + Test	.k hotek Anbote	Result - Remark	Verdict

	ZC ANNEX (informativ	ve) Anbotek Anbotek Anbote	
Clause	Requirement + Test	Result - Remark	Verdict
10.5.2	Germany The following requirement applies:	Anbotek Anbotek	N/A
	The following requirement applies.	otek Anbotek Anbote	K VIII
botek P	For the operation of any cathode ray tube intended for the display of visual images	Anbotek Anbotek Anbote	otek Ar
Anboten	operating at an acceleration voltage exceeding 40 kV, authorization is required, or application		nbotek
	of type approval (Bauartzulassung) and marking.	Anbotek Anbotek	Anbote
	Justification:	Potek Pupoter Vupote	A.n
	German ministerial decree against ionizing radiation (Rötgenverordnung), in force since	Anbotek Anbotek Anb	notek notek
	2002-07-01, implementing the European Directive 96/29/EURATOM.	Anbotek Anbotek A	Anbotek
	NOTE Contact address:	otek Anbotek Anbotek	Anbot
otek Ar	Physikalisch-Technische Bundesanstalt, Bundesallee 100, D-38116 Braunschweig,	The tek Anbotek Anbote	Kek Yu.
	Tel.: Int+49-531-592-6320, Internet: http://www.ptb.de	Anbotek Anbotek And	hotek





Aupota.	Anbotek Anbotek	National Differences	Anbotes Anti-	Anbotek
Clause	Requirement + Test	ok hotek Anbotel	Result - Remark	Verdict

Jee Ann	ZC ANNEX (informative	ve) ^{ter} Anbot Anbot	
ipole, V	A – DEVIATIONS	Anboten Anbo notek Ant	potek
Clause	Requirement + Test	Result - Remark	Verdict
F.1 Anboten	Italy Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek	N/A
	The following requirements shall be fulfilled:	potek Anbotek Anbotek	Anbo
	The power consumption in Watts (W) shall be indicated on TV receivers and in their	Anbotek Anbotek Anbo	otek
	instruction for use (Measurement according to EN 60555-2).	Anbotek Anbotek	Anbotek
	Note/Nota EN 605 <mark>55-2</mark> has since been replaced by IEC 60107-1:1997.	tek Anbotek Anbotek	Anbot
	TV receivers shall be provided with an	Anbotek Anbotek Anbo	orek w.
	instruction for use, schematic diagrams and adjustments procedure in Italian language.	Anbotek Anbotek An	hotek
	Marking for controls and terminals shall be	ek Anbotek Anbotek	Anbot
	in Italian language. Abbreviation and international symbols are allowed provided	totek Anbotek Anbotel	An'
	that they are explained in the instruction for use.	Anbotek Anbotek Anbo	botek
	The ECC manufacturers are bound to issue	Anbotek Anbotek	Anbotek
	a conformity declaration according to the above requirements in the instruction manual.	atek Anbotek Anbotek	Anbote
	The correct statement for conformity to be written in the instruction manual, shall be:	anbotek Anbotek Anbote	isek bu
	Questo apparecchio è fabbricato nella CEE	Anbotek Anbotek An	ootek
	nel rispetto delle disposizioni del D.M. marzo 1992 ed è in particolare conforme alle	Anbotek Anbotek	Anboten
	prescrizioni dell'art. 1 dello stesso D.M.	ntek Anbotek Anbotek	Anbona



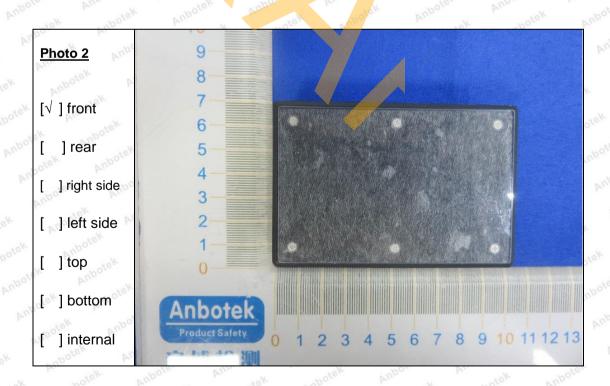
Page 60 of 67 Report No.: SZAWW190619003-02S

Anboth	Anbotek Anboten	National Differences	Anbote And And	Anbotek
Clause	Requirement + Test	k hotek Anbote	Result - Remark	Verdict

Year And	ZC ANNEX (informative	ve)tek Anboratek Anbor	P.
	A – DEVIATIONS		
Clause	Requirement + Test	Result - Remark	Verdict
F.1 nbotel	The first importers of TV receivers	anbotek Anbo	N/A
	manufactured outside EEC are bound to	ok hotek Anbote	And
	submit the TV receivers for previous	And Stek Subotek	Aupo
	conformity certification to the Italian Post	nootek Anbo sek hote	K P.
	Ministry (PP.TT). The TV receivers shall have	shotek Anbote Ant	Nek
	on the backcover the certification number in	Anbotek Anbotek Anb	, o¥
	the following form:	Anbo Lek botek	upore.
	D.M. 26/03/1992 xxxxx/xxxxx/S or T or pT	Anbore And Stek	Anbotek
	S for stereo	tek Anboten Anbo	70
	T for Teletext	tek abotek Anbote	Vien
	pT for retrofitable teletext	Note All otek Anbote	P.S
	The process to to to to the state of the sta	Anboten Anbotek Anb	tek
	Justification:	abotek Anbote An	otek.
	Ministerial Decree of 26 March 1992 : National	All notek Amboten A	up. rok
	rules for television receivers trade.	Anbotek Anbotek	Vuporo
	Anbotek Anbote Anbotek Anbo	ek Anbotek Anbotek	anbo
	NOTE/NOTA: Ministerial decree above	kotek Anbote Anu	
	contains additional, but not safety rele <mark>va</mark> nt	tek Anbotek Anbo	ek.
	requirements	The Andrew Andrew	100
Aupor	And And And	Anbore Anti-	potek
F.1 hoten	The first importers of TV receivers	Anboten Anbo	N/A
	manufactured outside EEC are bound to submit the TV receivers for previous	ek abotek Anbote	VII.
	conformity certification to the Italian Post	K wotek Amboten	Aupo
	Ministry (PP.TT). The TV receivers shall have	oote, And tek abotek	An
	on the backcover the certification number in	upotek Aupor K Au	Ve.
	NO.	Anbotek Anbotek Anbo	*ek
	aboten Anbot K notek Anboto	All sek aboten Ar	DO.
	D.M. 26/03/1992 xxxxx/xxxxx/S or T or pT	Anbotek Anbotek Anbotek	Aupoten
		Anbotek Anbote	otoda.
	T for Teletext	tek abotek Anbo	by.
	pT for retrofitable teletext	ok hotek Anboter	Ani
	tek obotek Anbo k notek	Anbore Ann	SK.

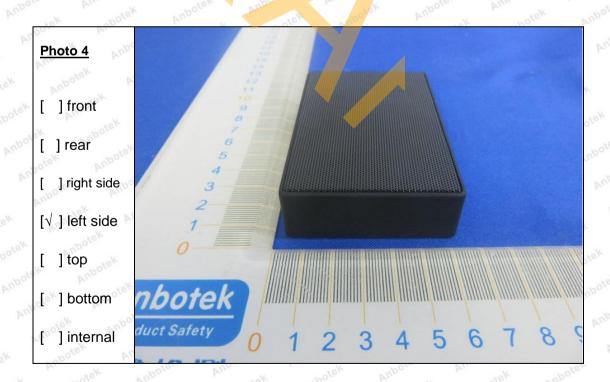






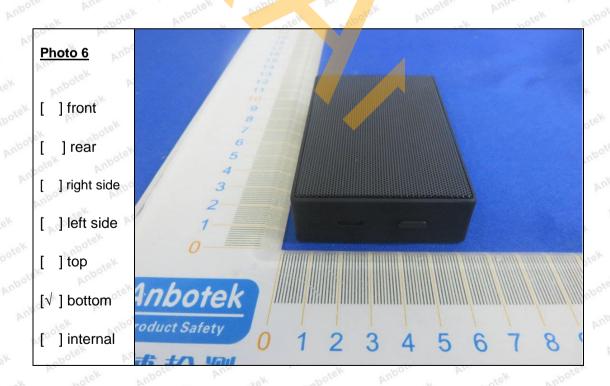




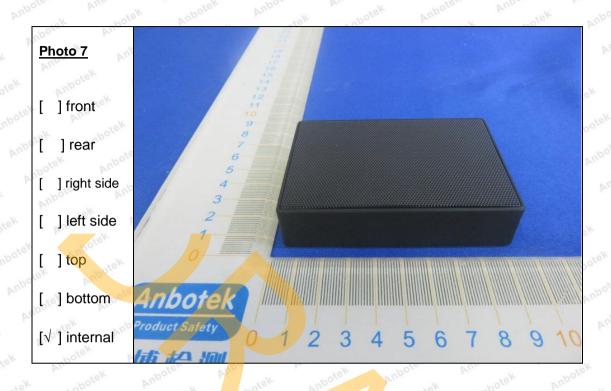


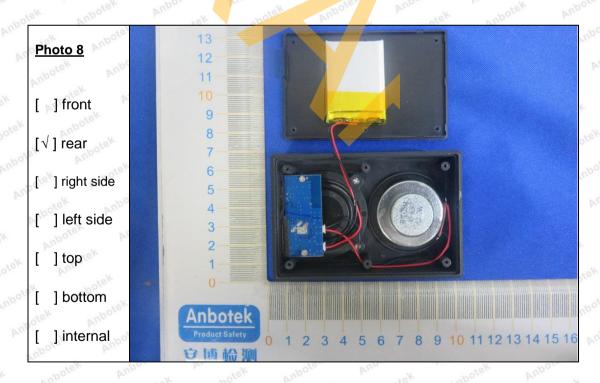




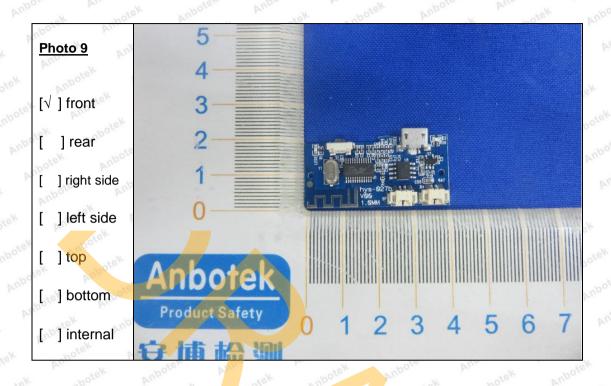


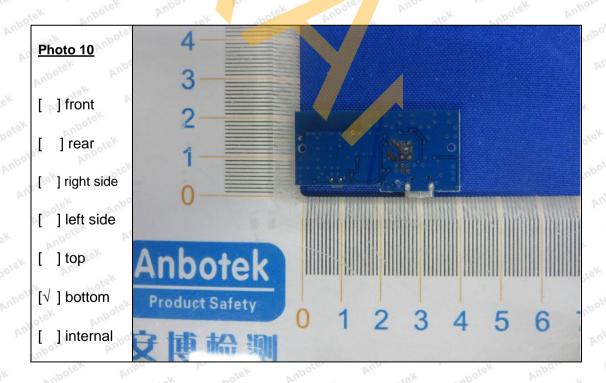




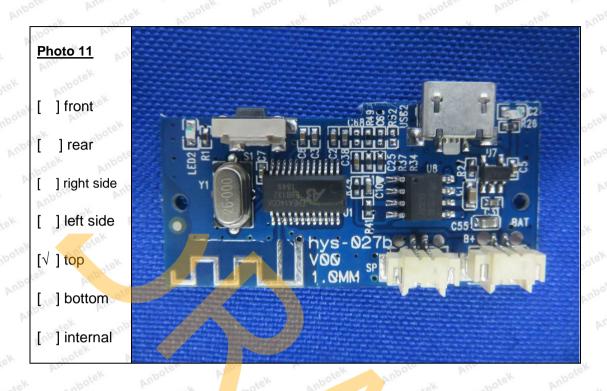


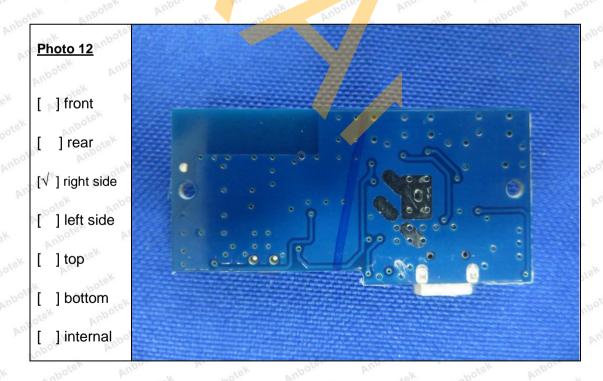




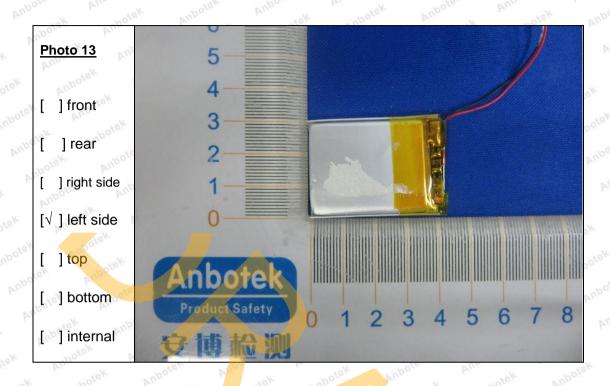












End of report