

Report No.: SZAWW190619003-02S

Test Report

Client Name :

Address :

Product Name : Mini Bluetooth Speaker

Date : Aug. 01, 2019



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TEST REPORT IEC 62368-1

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

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

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

Total number of pages: 67 Pages

Applicant's name::

Address....::

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.

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Testing procedure and testing location:

Sanwei community, Hangcheng Street, Bao'an District,

Anbotek

Shenzhen, Guangdong, China.518102

Tested by (name + signature).....: Stone Chen

Approved by (name+ signature) ...: Jeff Zhu *Approved*



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Test Item description: Mini Bluetooth Speaker

Trade Mark: N.A.

Manufacturer....::

Model/Type reference:

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)



(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.



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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:
Equipment mobility:	□ movable
Over voltage category (OVC):	□ OVC I □ OVC II □ OVC III □ OVC IV □ other: □ OVC III
Class of equipment:	☐ Class II ☐ Class III
Access location:	☐ restricted access location ☐ N/A
Pollution degree (PD):	☐ PD 1
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)	





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POSSIBLE TEST CASE VERDICTS:	anbotek Anbote Anbotek Anbotek
- test case does not apply to the test object:	N/A notek Anbore And tek nbotek
- test object does meet the requirement:	P (Pass)
- test object does not meet the requirement:	F (Fail)
TESTING: Annotes Annotes tek	Ann K wotek Anbor An ak
Date of receipt of test item	meet the requirement
Date (s) of performance of tests:	Jun. 19, 2019 to Jul. 01, 2019
GENERAL REMARKS:	Anbote
Throughout this report a ☐ comma / ☒ point is us	sed as the decimal separator.
St. Mare Ville	
botek Anbotek Anbotek A. stek	Second floor, Second building, Fulong second
GENERAL PRODUCT INFORMATION:	187 20 1
The max, operating temperature was 35 $^{\circ}\!$	ax. altitude was 2000m.
Model Differences :	Anbotek Anbotek Anbotek Anbotek A
Additional application considerations – (Consideration)	ations used to test a component or sub-assembly) –



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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	Corresponding classification (ES)	Anbore	
5V dc input	ES1	Aupole	
The enclosure	ES1	Anb	

Electrically-caused fire (Clause 6):

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

Example: Battery pack (maximum 85 watts):

Source of power or PIS	Corresponding classification (PS)	anbotek
The circuit	PS1	Anbotek

Injury caused by hazardous substances (Clause 7)

(Note: Specify hazardous chemicals, whether produces ozone or other chemical construction not addressed as

part of the component evaluation.)

Example: Liquid in filled component Glycol

Source of	f hazard	ous substar	nces	abotek	Correspon	ding chemical	Anbotek	Anbo
N/A	dek	anbotek	Anbo	hotek	N/A	And	potek	Anbor

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 class	sification (MS)	
Equipment mass	MS1	hotek	Anbore

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 t	hermal energ	y "otok		Correspo	onding class	sification (TS)	otek Ani
N/A	Aupola	Annotek	anbotek	N/A	hotek.	Anbole	Ann	tek

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

Type of	radiation				Corre	sponding cl	assification	n (RS)	
N/A	Anbotek	Anbo	Anbotek	Anbore	N/A	And	Anbotek	Anbo	tek an

ENERGY SOURCE DIAGRAM

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





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E.	Al. Otok	Anboten	Anbo	ok r	hotek Ar	pole	Yun Hek	abotek	Anbo
		nbotel	ES S	⊠ PS	⊠ MS	$oxed{\boxtimes}$ TS	⊠ RS		
405	200	100	- AV	010					186

OVERVIEW OF EMPLOYE	D SAFEGUARDS									
Clause	Possible Hazard									
5.1	Electrically-caused injury									
Body Part	Energy Source	S	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	Au	- An						
6.1	Electrically-caused fire									
Material part	Energy Source	S	afeguards							
(e.g. mouse enclosure)	(PS2: 100 Watt circuit)	Basic	Supplementary	Reinforced						
Plastic enclosure	PS: The EUT	Input: 5Vdc, 1A, and the battery complied		Anbote						
tak boten An	with PS1									
7.1	Injury caused by hazardo									
Body Part (e.g., skilled)	Energy Source (hazardous material)	Safeguards								
(e.g., skilled)	(Hazardous Hiaterial)	Basic	Supplementary	Reinforce						
N/A	K Anbotek Anbo	ek abolek Anb	ote. Ans	· dodna						
8.1	Mechanically-caused inju	ry								
Body Part	Energy Source	Safeguards								
(e.g. Ordinary)	(MS3:High Pressure Lamp)	Basic	Supplementary	Reinforced (Enclosure						
Ordinary person	MS1 : Mass<7Kg		K Ann Olek	Anbetek						
9.1	Thermal Burn		1000							
Body Part	Energy Source	S	afeguards							
(e.g., Ordinary)	(TS2)	Basic	Supplementary	Reinforce						
Ordinary	TS1 Anbotek	Anbo, tek - npotek	Anboter A	notek						
10.1	Radiation									
Body Part	Energy Source	Safeguards								
(e.g., Ordinary)	(Output from audio port)	Basic	Supplementary	Reinforce						
N/A	ren Aug ok	otek Aupore A	18K 100'	ek - Aup						

Supplementary Information:

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







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Anbore	Anbotek	Anboren Anbo	IEC 62368-1	Anbotek Anbotek	Anbotek
Clause	Anbotek	Requirement + Test	abotek Anboten	Result - Remark	Verdict

4	GENERAL REQUIREMENTS		Pabo
4.1.1	Acceptance of materials, components and subassemblies	No. No. All	P
4.1.2	Use of components	Aupore, Yun Otek	potek P
4.1.3	Equipment design and construction	rek Anbore Anbo	Napole P
4.1.15	Markings and instructions:	(See Annex F)	- nBrek
4.4.4	Safeguard robustness		Pool
4.4.4.2	Steady force tests:	(See Annex T.4, T.5)	Р
4.4.4.3	Drop tests:	(See Annex T.7)	N P PE
4.4.4.4	Impact tests	Aug. 46k "L	N/A
4.4.4.5	Internal accessible safeguard enclosure and barrier tests		N/A
4.4.4.6	Glass Impact tests:		N/A
4.4.4.74	Thermoplastic material tests	(See Annex T.8)	Р
4.4.4.8	Air comprising a safeguard:	Americk abotek Anbo	N/A
4.4.4.9	Accessibility and safeguard effectiveness	All other safeguards remain effective and no class 3 energy sources become accessible.	Anbotek
4.5	Explosion	Anbote Anbotek Anbotek	N/A
4.6	Fixing of conductors	Anbote And otek Anbot	PAn'
4.6.1	Fix conductors not to defeat a safeguard	Anbore And otek An	N/A
4.6.2	10 N force test applied to:	10 N force test applied to internal wires	knbote P
4.7 Ambo	Equipment for direct insertion into mains socket - outlets	lek Anbolek	N/A
4.7.2	Mains plug part complies with the relevant standard	Anbotek Anbotek Anbote	N/A
4.7.3	Torque (Nm)	Anbotek Anbotek Anb	N/A
4.8	Products containing coin/button cell batteries	Anbo tek abotek	N/A
4.8.2	Instructional safeguard	otek Anbo. At botek	N/A
4.8.3	Battery Compartment Construction	nbotek Anbot Antotek	N/A
hotek 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 stek subotek	N/A
4.9	Likelihood of fire or shock due to entry of	(See Annex P)	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
er Put	conductive object		Anbal
5	ELECTRICALLY-CAUSED INJURY		Pari
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	NºP
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
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	,	N/A
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons		N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	Anbotek Anbotek Anbo	N/A
5.3.2.2	Contact requirements	ek Aupotek Aupo tek	N/A
Anboten	a) Test with test probe from Annex V	notek Anbotek Anbo	N/A
k Anbo	b) Electric strength test potential (V)	notek Anbotek Anbot	N/A
otek A	c) Air gap (mm):	And Anbotek Anbo	N/A
5.3.2.4	Terminals for connecting stripped wire	And Anborek Anbore	N/A
5.4 notek	Insulation materials and requirements	Anbotek Ant	N/A
5.4.1.2	Properties of insulating material	Aupotok	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:	upotek Anbore And	_
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	otek Anboutek	N/A
5.4.1.6	Insulation in transformers with varying dimensions	anbotek Anbor Anbotek	N/A
5.4.1.7	Insulation in circuits generating starting pulses	Anbotek Anbor All botek	N/A
5.4.1.8	Determination of working voltage	Anbotek Anbot An	N/A
5.4.1.9	Insulating surfaces	Anbotek Anbote Ant	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	otek Anbotek Anbotek	N/A

Shenzhen Anbotek Compliance Laboratory Limited

nbotek

Hotline 400-003-0500 www.anbotek.com



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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek Aup	Ste And Stek Anbotek		'odo
5.4.1.10.2	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	Anb tek abotek 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
otek Asto	a) a.c. mains transient voltage:		_
motek.	b) d.c. mains transient voltage	L. Stek Vilpose, Mur.	_
Anv	c) external circuit transient voltage:	And tek ant	_
Anbotek	d) transient voltage determined by measurement		_
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:	Ann Anbotek Anbor-	N/A
5.4.3	Creepage distances:	(See appended table 5.4.3)	N/A
5.4.3.1	General	ak notek Anbotek	N/A
5.4.3.3	Material Group:	ou An sotek Anbotek	_
5.4.4	Solid insulation	Anbote 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	Anbore Anti-	N/A
5.4.4.4	Solid insulation in semiconductor devices	Am otek A	N/A
5.4.4.5	Cemented joints	V Ann	N/A
5.4.4.6	Thin sheet material	ren August	N/A
5.4.4.6.1	General requirements	abotek Anboten Anti-	N/A
5.4.4.6.2	Separable thin sheet material	W. Polek Vupores Vupo	N/A
anbotek	Number of layers (pcs)	k hotek Anbotek Anh	N/A
5.4.4.6.3	Non-separable thin sheet material	tek nbotek Anboten 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 Anbot Anthone	N/A
5.4.4.7	Solid insulation in wound components	Anbotek Anbott An	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	tek Anbotek Anbote Ac	N/A
5.4.5.1	General	ok botek Anbotes	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek pab	ote Ann		logo
5.4.5.2	Voltage surge test		N/A
ateK.	Insulation resistance (M Ω):	Lak abor An-	_
5.4.6	Insulation of internal wire as part of supplementary safeguard:	(See appended table 5.4.4.2)	N/A
5.4.7	Tests for semiconductor components and for cemented joints	atek abotek Anbote	N/A
5.4.8	Humidity conditioning		N/A
ofe, b	Relative humidity (%):	W. Stranger	_
Aupotel	Temperature (°C)	Anboten Anbo	_
Anbotek	Duration (h):		_
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		N/A
5.4.9.2	Test procedure for routine tests		N/A
5.4.10	Protection against transient voltages between external circuit	Anbotek Anbotek Anbo	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	otek Aupotek Aupor	N/A
5.4.10.2.1	General	notek Anbotek Antion	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	cek Anbotek	N/A
5.4.11.2	Requirements	tek abotek Anbote	N/A
rek k	Rated operating voltage U _{op} (V):	Anbor Anborek Anbore	
upo.	Nominal voltage U _{peak} (V):	Anbor Anborek Anbo	_
Aupo.	Max increase due to variation U _{sp} :	Aupon Munich W	_
Anbor	Max increase due to ageing ΔUsa:	stek Anbore Ann notek	_
Vupor	$U_{op} = U_{peak} + \Delta U_{sp} + \Delta U_{sa}$:	abotek Anbote And	_
5.5	Components as safeguards	abotek Anboten Anbo	Nap.
5.5.1	General	abotek Anboton Anbo	N/A
5.5.2	Capacitors and RC units	Potek Aupotok Wipo	N/A
5.5.2.1	General requirement	An otek subolek At	N/A





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Clause	Requirement + Test	Result - Remark	Verdict
only y	And sofek		
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 _{kmb} otel	Relays	(See Annex G.2)	N/A
5.5.6 Anbo	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	L. Stek Vupore, Mun	N/A
5.5.7.2	Use of an SPD between mains and protective earth	And alek an	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		N/A
5.6.2	Requirement for protective conductors	Ann. K notek Aupor	N/A
5.6.2.1	General requirements	Anbore K Anb otek Anb	N/A
5.6.2.2	Colour of insulation	K Anboto And Sotek	N/A
5.6.3	Requirement for protective earthing conductors	otek Anbore And wotek	N/A
Aupo,	Protective earthing conductor size (mm²):	abotek Anbote Anti-otek	_
5.6.4	Requirement for protective bonding conductors	abotek Anbote And	N/A
5.6.4.1	Protective bonding conductors	Anbotek Anbote Ann	N/A
Vuporek	Protective bonding conductor size (mm²):	Anbote And	_
anbotek	Protective current rating (A):	Anbote. A	-
5.6.4.3	Current limiting and overcurrent protective devices	iek Aupolei	N/A
5.6.5	Terminals for protective conductors	Anbotek Anbot An hotel	N/A
5.6.5.1	Requirement	Anbotek Anbote An	N/A
Anbotek	Conductor size (mm²), nominal thread diameter (mm)	Anbotek Anbotek An	N/A
5.6.5.2	Corrosion	ster Anbortek	N/A
5.6.6	Resistance of the protective system	nbotek Anbotek	N/A
5.6.6.1	Requirements	Anbotek Anbo tek nbotek	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
5.7 Anbotok	Prospective touch voltage, touch current and protect	ctive conductor current	N/A
5.7.2	Measuring devices and networks	tek abotek Anbot	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek anb	oten Anbo ak botek		
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	L POK POL VIII	N/A
5.7.3	Equipment set-up, supply connections and earth connections	ek Vipotek Vipotek Vi	N/A
Anbote	System of interconnected equipment (separate connections/single connection)	tek nbotek Anbott	_
otek Anti	Multiple connections to mains (one connection at a time/simultaneous connections)		_
5.7.4	Earthed conductive accessible parts	(See appended Table 5.7.4)	N/A
5.7.5	Protective conductor current	Ann sek an	N/A
And hotek	Supply Voltage (V):		_
r ve	Measured current (mA):		_
Y VIII	Instructional Safeguard	(See F.4 and F.5)	N/A
5.7.6	Prospective touch voltage and touch current due to external circuits	Anu Anbotek Anbot	N/A
5.7.6.1	Touch current from coaxial cables	k botek Anbotek Anb	N/A
5.7.6.2	Prospective touch voltage and touch current from external circuits	lotek Anbotek Anbotek	N/A
5.7.7	Summation of touch currents from external circuits	Anbotek Anbotek Anbotek	N/A
nbotek	a) Equipment with earthed external circuits Measured current (mA)	Anbotek Anbotek Anbote	N/A
Aupotek	b) Equipment whose external circuits are not referenced to earth. Measured current (mA):	Anboth Andrek A	N/A

6	ELECTRICALLY- CAUSED FIRE		N/A
6.2	Classification of power sources (PS) and potential ignition 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 N/A
6.2.2.6	PS3:	Anbotek Anbote Anti-	N/A
6.2.3	Classification of potential ignition sources	tek stotek Anbotek A	N/A
6.2.3.1	Arcing PIS:	botek Anbotek	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
6.2.3.2	Resistive PIS	I	Privat
6.3	Safeguards against fire under normal operating and	abnormal operating conditions	PAR
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)	AnboteP
6.3.1 (b)	Combustible materials outside fire enclosure	V-0 enclosure and PCB used	AniPien
6.4	Safeguards against fire under single fault conditions		Rhote
6.4.1	Safeguard Method	Control of fire spread	P mil
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	Anbotek Anbote 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	Pek
6.4.3.1	General		N/A
6.4.3.2	Supplementary Safeguards		N/A
Anbotek K	Special conditions if conductors on printed boards are opened or peeled	Anbotek Anbotek Anbo	N/A
6.4.3.3	Single Fault Conditions:	(See appended table 6.4.3)	N/A
Anbore	Special conditions for temperature limited by fuse	otek Anboten Anbo	N/A
6.4.4	Control of fire spread in PS1 circuits	notek Anbotel Anbo	N/A
6.4.5	Control of fire spread in PS2 circuits	hotek Anbotek Anbo	N/A
6.4.5.2	Supplementary safeguards:	(See appended tables 4.1.2 and Annex G)	otek P p
6.4.6	Control of fire spread in PS3 circuit	Yun Viek	nbote ^P
6.4.7	Separation of combustible materials from a PIS	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	botek Anbotek Anbo	N/A
6.4.7.3	Separation by a fire barrier	hotek Anbotek Anbo	N/A
6.4.8	Fire enclosures and fire barriers	k abotek Anbotek Anti	oteKP A
6.4.8.1	Fire enclosure and fire barrier material properties	V-0 hotek knootek	Pk.
6.4.8.2.1	Requirements for a fire barrier	ok kotek Aubotek	N/A
6.4.8.2.2	Requirements for a fire enclosure	upor k hotek Aupotek	P. P
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	Anbotek Anbotek Anbote	Lek PAnbe
6.4.8.3.1	Fire enclosure and fire barrier openings	hotek Anbore Anb	otek P
6.4.8.3.2	Fire barrier dimensions	Atek Anbotes A	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
day Ya	otes Ann ak hotek		2/0
6.4.8.3.3	Top Openings in Fire Enclosure: dimensions (mm)		N/A
Anbotek	Needle Flame test	Anbotek Anbot Air	N/A
6.4.8.3.4	Bottom Openings in Fire Enclosure, condition met a), b) and/or c) dimensions (mm)	lek Anbotek Anbotek Ar	N/A
ek Anb	Flammability tests for the bottom of a fire enclosure	-tok -nbo k	N/A
6.4.8.3.5	Integrity of the fire enclosure, condition met: a), b) or c):	10. 11 offer 10.	N/A
6.4.8.4	Separation of PIS from fire enclosure and fire barrier distance (mm) or flammability rating:	V-0 Anbour And	ootek P A
6.5	Internal and external wiring		, be Prek
6.5.1	Requirements		Anber 18
6.5.2	Cross-sectional area (mm²)		_
6.5.3	Requirements for interconnection to building wiring	Anu-	N/A
6.6	Safeguards against fire due to connection to additional equipment	k Anbotek Anbotek An	N/A
k Anbo	External port limited to PS2 or complies with Clause Q.1	otek Anbotek Anbotek	N/A

7	INJURY CAUSED BY HAZARDOUS SUBSTANC	CES	PART
7.2	Reduction of exposure to hazardous substances	Anboten Anb	N/A
7.3	Ozone exposure	anbotek A	N/A
7.4	Use of personal safeguards (PPE)	lek anbotek	N/A
bu.	Personal safeguards and instructions:	stek sphotek	_
7.5	Use of instructional safeguards and instructions	Anbore Anb	N/A
Anbote	Instructional safeguard (ISO 7010)	Aupotek Aupo tek ap	_
7.6	Batteries:	(See Annex M)	note ^K P

8	MECHANICALLY-CAUSED INJURY		Potek
8.1	General	Enclosure is smooth and no mechanical energy sources	Anbotel Anbotel
8.2	Mechanical energy source classifications	MS1	rek P Mup
8.3	Safeguards against mechanical energy sources	Anbotek Anbo tek	N/A
8.4	Safeguards against parts with sharp edges and corners	tek Anbotek Anbotek	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
tek par	otes And tek abotek	1	Nove
8.4.1	Safeguards		N/A
8.5	Safeguards against moving parts	Tok upor Mr.	N/A
8.5.1	MS2 or MS3 part required to be accessible for the function of the equipment	ek Anbotek Anbotek An	N/A
8.5.2	Instructional Safeguard::	stek shotek Anbou	_
8.5.4	Special categories of equipment comprising moving parts		N/A
8.5.4.1	Large data storage equipment	100 U	N/A
8.5.4.2	Equipment having electromechanical device for destruction of media	Aupotek Aupo Kek -u	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		N/A
K Vur.	Instructional Safeguard		_
8.5.4.2.3	Disconnection from the supply	Anu. , stek supor	N/A
8.5.4.2.4	Probe type and force (N):	Anboles Anbo stek and	[™] N/A
8.5.5	High Pressure Lamps	ak Aupotek Aupo	N/A
8.5.5.1	Energy Source Classification	otek Anbotek Anbotek	N/A
8.5.5.2	High Pressure Lamp Explosion Test	(See appended table 8.5.5.2)	N/A
8.6	Stability	hotek Anbotek Anbo	N/A
8.6.1	Product classification	And Anbotek Anbore	N/A
notek.	Instructional Safeguard	Anbotek Anti	_
8.6.2	Static stability	Anbotek	N/A
8.6.2.2	Static stability test	tek Aupotek	N/A
No.	Applied Force	w work anbotek	_
8.6.2.3	Downward Force Test	Anboren Anborek Anbore	N/A
8.6.3	Relocation stability test	Anboten Ano	N/A
Anbore.	Unit configuration during 10° tilt:	Anboten Anbo tek	_
8.6.4	Glass slide test	stek Anbotek Anbo tek	N/A
8.6.5	Horizontal force test (Applied Force)	botek Anboten Anbo	N/A
tek An	Position of feet or movable parts	botek Anbotek Anbo	_
8.7	Equipment mounted to wall or ceiling	Ann Anbotok Anborok	N/A
8.7.1	Mounting Means (Length of screws (mm) and mounting surface)	Anbotek Anbotek Anto	N/A
8.7.2	Direction and applied force	Prox. Mundes. Munder	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
tek anb	Drew August 1904ek		You
8.8	Handles strength		N/A
8.8.1	Classification	tok abor Am	N/A
8.8.2	Applied Force	Anbo. An abotek An	N/A
8.9	Wheels or casters attachment requirements	ek Anbo. An abotek	N/A
8.9.1	Classification	Tek "Upo, K	N/A
8.9.2	Applied force		
8.10	Carts, stands and similar carriers		N/A
8.10.1	General	Anbotek Anbote Anti-	N/A
8.10.2	Marking and instructions	P	N/A
Anbotek	Instructional Safeguard:		_
8.10.3	Cart, stand or carrier loading test and compliance		N/A
otek ar	Applied force:		_
8.10.4	Cart, stand or carrier impact test	Ann stek Anbotek Anbor	N/A
8.10.5	Mechanical stability	Anbo otek anbotek Ant	N/A
Amb	Applied horizontal force (N)	Anboutek anbotek	
8.10.6	Thermoplastic temperature stability (°C)	Jotek Anton tek hotek	N/A
8.11	Mounting means for rack mounted equipment	Aupotek Aupotek	N/A
8.11.1	General	Anbotek Antion tek abote	N/A
8.11.2	Product Classification	Aupotek Pupo VI	N/A
8.11.3	Mechanical strength test, variable N	Anton All	N/A
8.11.4	Mechanical strength test 250N, including end stops	Vupor.	N/A
8.12	Telescoping or rod antennas	(See Annex T)	N/A
otek an	Button/Ball diameter (mm)	stek Anbotek Anbote	VIII

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				N/A
. •					70 LA/ / Y





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
day Ya	ote Ann		
10.2	Radiation energy source classification		N/A
10.2.1	General classification	L Yek Por VII.	N/A
10.3	Protection against laser radiation	Anbo tek abotek An	N/A
Anbo	Laser radiation that exists equipment:	rek Pupos Virginia de la	_
	Normal, abnormal, single-fault:	(See attached laser test report)	N/A
Su Vup.	Instructional safeguard:		_
potek A	Tool:		_
10.4	Protection against visible, infrared, and UV radiation	Anbotek Anbot An	N/A
10.4.1	General		N/A
10.4.1.a)	RS3 for Ordinary and instructed persons:		N/A
10.4.1.b)	RS3 accessible to a skilled person		N/A
ote, Ar	Personal safeguard (PPE) instructional safeguard	Anu-	_
10.4.1.c)	Equipment visible, IR, UV does not exceed RS1.:	k hotek Anbotek 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:	potek Anbotek Anbotek	N/A
10.4.1.f)	UV attenuation	botek Anbote, Anb	N/A
10.4.1.g)	Materials resistant to degradation UV	Anbotek Anbotes Anbo	N/A
10.4.1.h)	Enclosure containment of optical radiation:	Aupoles, Mus	N/A
10.4.1.i)	Exempt Group under normal operating conditions:	Aupoles b	N/A
10.4.2	Instructional safeguard:	K notek	N/A
10.5	Protection against x-radiation	nbotek Anbotek And	N/A
10.5.1	X- radiation energy source that exists equipment:	(See appended table B.3 & B.4)	N/A
Anbotek	Normal, abnormal, single fault conditions	k abotek Anboten Anb	N/A
Anbotek	Equipment safeguards:	tek upotek Aupoten k	N/A
nboth	Instructional safeguard for skilled person:	tek obotek Anboten	N/A
10.5.3	Most unfavourable supply voltage to give maximum radiation	Anbotek Anbotek Anbotek	-100
bolek	Abnormal and single-fault condition:	(See appended table B.3 & B.4)	N/A
Anbotek	Maximum radiation (pA/kg)	Anbotek Anbote And	N/A
10.6	Protection against acoustic energy sources	(See report:)	N/A
10.6.1	General	(See report:)	N/A





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Anboten	IEC 62368-1	otek Anbotek Anbot Al	abotek
Clause	Requirement + Test	Result - Remark	Verdict
ek anb	And And Motek		2/0-
10.6.2	Classification		N/A
or tek	Acoustic output, dB(A):	Pok abor Air	N/A
Anboatek	Output voltage, unweighted r.m.s:	Anbox An botek An	N/A
10.6.4	Protection of persons	lek Aupor Au potek	N/A
Vupo	Instructional safeguards:	Yek "Upon by	N/A
otek Anbo	Equipment safeguard prevent ordinary person to RS2:		_
Anbotek	Means to actively inform user of increase sound pressure:	Anbotek Anbote An-	_
Anbotek	Equipment safeguard prevent ordinary person to RS2:		_
10.6.5	Requirements for listening devices (headphones, earphones, etc.)		N/A
10.6.5.1	Corded passive listening devices with analog input	Anu , hotek Anbor	N/A
Anbotek	Input voltage with 94 dB(A) L _{Aeq} acoustic pressure output:	k anbotek Anbotek Ant	_
10.6.5.2	Corded listening devices with digital input	tek abotek Anbotes	N/A
k abol	Maximum dB(A):	tek abotek Aubotek	_
10.6.5.3	Cordless listening device	Anborek Anborek	N/A
18K	Maximum dB(A):	Anbor Anbore Anbore	_
	101		

В	NORMAL OPERATING CONDITION TESTS, ABI CONDITION TESTS AND SINGLE FAULT COND		nbote P
B.2	Normal Operating Conditions	lak Aupor	And Potek
B.2.1	General requirements:	(See Test Item Particulars and appended test tables)	Anbot Anbot
nbotek	Audio Amplifiers and equipment with audio amplifiers:	(See Annex E)	tek P An
B.2.3	Supply voltage and tolerances	And tek abotek A	nbore P.
B.2.5	Input test:	(See appended table B.2.5)	Aupole P
B.3 Andre	Simulated abnormal operating conditions	Anbotek Anbotek Anbotek	ALBores.
3.3.1	General requirements:	(See appended table B.3)	Panbot
3.3.2	Covering of ventilation openings	botek Anbotes Anti	Lek P and
3.3.3	D.C. mains polarity test	Anbotek Anbotek Ansk	N/A
3.3.4	Setting of voltage selector:	ok hotek Aubotek A	N/A
B.3.5	Maximum load at output terminals:	Pres. View Vipolek	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek kup	Daylors Law State Amotek	T	NIVA O
B.3.6	Reverse battery polarity		N/A
3.3.7	Abnormal operating conditions as specified in Clause E.2.	Anbotek Anbor Am	N/A
3.3.8	Safeguards functional during and after abnormal operating conditions	lek Anbotek Anbotek All	Anbote R
3.4 Anbe	Simulated single fault conditions	Ten upo. by	An Pier
3.4.2	Temperature controlling device open or short-circuited:	(See appended table B.4)	N/A
3.4.3	Motor tests	L. Stek Pupole. Mun.	N/A
3.4.3.1	Motor blocked or rotor locked increasing the internal ambient temperature:	(See Clause G.5)	N/A
3.4.4	Short circuit of functional insulation		nbP.ek
3.4.4.1	Short circuit of clearances for functional insulation		Poot
3.4.4.2	Short circuit of creepage distances for functional insulation	Anti- K hotek Anbor	P
3.4.4.3	Short circuit of functional insulation on coated printed boards	k anbotek Ambotek Ant	otek P
3.4.5	Short circuit and interruption of electrodes in tubes and semiconductors	otek Anbotek Anbotek	Anbotek Anbotek
3.4.6	Short circuit or disconnect of passive components	unbotek Anbos Anbotek	A.Poot
3.4.7	Continuous operation of components	Anbotek Anbot An hote	N/A
3.4.8	Class 1 and Class 2 energy sources within limits during and after single fault conditions	Anbotek Anbottek Anb	otek P
3.4.9	Battery charging under single fault conditions:	(See Annex M)	N/A
;	UV RADIATION	2.00	N/A
C.1 And	Protection of materials in equipment from UV radiation	notek Anbotek Anbotek	N/A
C.1.2	Requirements	Anbotek Anbotek Anbot	N/A
C.1.3	Test method	Antotek Anbotek Anb	N/A
0.2	UV light conditioning test	And otek Anbotek A	N/A
C.2.1	Test apparatus	oter Andorek Andotek	N/A
0.2.2	Mounting of test samples	hoten And Alek Anbotek	N/A
0.2.3	Carbon-arc light-exposure apparatus	Anboren Anbo Atek abotek	N/A
C.2.4	Xenon-arc light exposure apparatus	Aupoten Aupo Au	N/A
)	TEST GENERATORS	: "M: NO. "	N/A
D.1 Anbox	Impulse test generators	tek anbote Ann	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek par	And the state of t	T	1 (2 (a)
D.2	Antenna interface test generator		N/A
D.3	Electronic pulse generator	L FOR Sport Mr.	N/A
E	TEST CONDITIONS FOR EQUIPMENT CONTAIN	NING AUDIO AMPLIFIERS	P
E.1An	Audio amplifier normal operating conditions	Yun Yun	Aupor P
Ann	Audio signal voltage (V):	reek who k	_
er And	Rated load impedance (Ω):		
E.2	Audio amplifier abnormal operating conditions		PAR
F	EQUIPMENT MARKINGS, INSTRUCTIONS, AND	INSTRUCTIONAL SAFEGUARDS	otek P
F.1 nbotek	General requirements	F	P
abotel	Instructions – Language:	English	_
F.2	Letter symbols and graphical symbols		AnbP .t
F.2.1	Letter symbols according to IEC60027-1		P
F.2.2	Graphic symbols IEC, ISO or manufacturer specific	Anbotek Anbotek Anbot	P An
F.3 botek	Equipment markings	ok botek Anbote An	P
F.3.1	Equipment marking locations	ak botek Anbote	P.K
F.3.2	Equipment identification markings	bot Am otek Anbotek	Pupp.
F.3.2.1	Manufacturer identification	Shenzhen PuSou Electronic Manufactory	_
F.3.2.2	Model identification:	See page 3	_
F.3.3	Equipment rating markings	Anboles And	P
F.3.3.1	Equipment with direct connection to mains	Aupote, b	N/A
F.3.3.2	Equipment without direct connection to mains	lek anbotek	Anb P
F.3.3.3	Nature of supply voltage:	==used	_
F.3.3.4	Rated voltage:	See label	_
F.3.3.4	Rated frequency:	Anboton Anbo	_
F.3.3.6	Rated current or rated power	See label	_
F.3.3.7	Equipment with multiple supply connections	otek Anbotek Anbote A	N/A
F.3.4 km ^{b0}	Voltage setting device	notek Anbotek Anbote	N/A
F.3.5	Terminals and operating devices	notek Anbotek Anbote	N/A
F.3.5.1	Mains appliance outlet and socket-outlet markings:	Anbotek Anbotek Anbote	N/A
F.3.5.2	Switch position identification marking:	Aupoter Aupo otek	N/A
F.3.5.3	Replacement fuse identification and rating markings	otek Anbotek Anbotek	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
F.3.5.4	Replacement battery identification marking:		N/A
F.3.5.5	No stok supor		
Note:	Terminal marking location	upotek Aupor Au.	N/A
F.3.6	Equipment markings related to equipment classification	ek Anbotek Anboten An	N/A
F.3.6.1	Class I Equipment	tek nbotek Anbo	N/A
3.6.1.1	Protective earthing conductor terminal		N/A
3.6.1.2	Neutral conductor terminal		N/A
3.6.1.3	Protective bonding conductor terminals	week whole Ann	N/A
3.6.2	Class II equipment (IEC60417-5172)	And tek an	N/A
F.3.6.2.1	Class II equipment with or without functional earth		N/A
F.3.6.2.2	Class II equipment with functional earth terminal marking		N/A
F.3.7	Equipment IP rating marking:		_
3.8	External power supply output marking	Anti-Otek Anbotek Anbo	P
3.9	Durability, legibility and permanence of marking	Arish otek 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 Anbotek
F.4	Instructions	abotek Anbote An	6 Pank
nbotek	a) Equipment for use in locations where children not likely to be present - marking	Anbotek Anbotek Anb	N/A
Anbo	b) Instructions given for installation or initial use	hotek b	N/A
Vupor	c) Equipment intended to be fastened in place	VK Porek	N/A
itek Anbo	d) Equipment intended for use only in restricted access area	tek upotek Aupotek	N/A
nbotek nbotek	e) Audio equipment terminals classified as ES3 and other equipment with terminals marked in accordance F.3.6.1	Anbotek Anbotek Anbote	N/A
Polek	f) Protective earthing employed as safeguard	A sotek Amboten A	N/A
Anbot	g) Protective earthing conductor current exceeding ES 2 limits	abotek Anbotek Anbotek	N/A
cek An	h) Symbols used on equipment	abotek Anbote Anti-	N/A
,botek	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
=.5 abote	Instructional safeguards	18K -POK	N/A





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	IEC 62368-1	
Clause	Requirement + Test Result - Remark	Verdict
ek ank	ore And ex hotek	
	Where "instructional safeguard" is referenced in the test report it specifies the required elements, location of marking and/or instruction	N/A
G	COMPONENTS	potes P
G.1	Switches And	N/A
G.1.1	General requirements	N/A
G.1.2	Ratings, endurance, spacing, maximum load	N/A
G.2	Relays	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
k anbo	Aging hours (H):	(6)
itek	Single Fault Condition:	Poler
otek W.	Test Voltage (V) and Insulation Resistance (Ω). :	Wuporo —
G.3.3	PTC Thermistors	N/A
G.3.4	Overcurrent protection devices	N/A
G.3.5	Safeguards components not mentioned in G.3.1 to G.3.5	N/A
G.3.5.1	Non-resettable devices suitably rated and marking provided	N/A
G.3.5.2	Single faults conditions (See appended Table B.4)	N/A
G.4	Connectors Annual Annua	N/A
G.4.1	Spacings	N/A
G.4.2	Mains connector configuration	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ek kul	And And Botek		
G.4.3	Plug is shaped that insertion into mains socket- outlets or appliance coupler is unlikely		N/A
G.5	Wound Components	k abotek Anbote Am	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°	-tek -upotek Aupon	N/A
G.5.1.2 b)	Construction subject to routine testing		N/A
G.5.2	Endurance test on wound components	Maria de la companya del companya de la companya de la companya del companya de la companya de l	N/A
G.5.2.1	General test requirements	Anbotek Anbot An	N/A
G.5.2.2	Heat run test	T 17 AV AV	N/A
Anbote	Time (s):		_
K Anb	Temperature (°C)		_
G.5.2.3	Wound Components supplied by mains	2007	N/A
G.5.3	Transformers	Yun Viek Yupotek Vupo,	N/A
G.5.3.1	Requirements applied (IEC61204-7, IEC61558-1/-2, and/or IEC62368-1)	ark Anbotek Anbotek An	N/A
Aupoter	Position:	hotek Anbotek Anbo	_
Anbo	Method of protection	hotek Anbores Anb	_
G.5.3.2	Insulation	Anbotek Anbotek Anbo	N/A
abotek	Protection from displacement of windings:	hotek Anbotek Anbo	_
G.5.3.3	Overload test:	(See appended table B.3)	N/A
G.5.3.3.1	Test conditions	Anbotek	N/A
G.5.3.3.2	Winding Temperatures testing in the unit	lek Aupotek	N/A
G.5.3.3.3	Winding Temperatures - Alternative test method	w sotek anbotek	N/A
G.5.4	Motors	Anbotes, K Anb Cotek Anbote	N/A
G.5.4.1	General requirements	Anbote, And wotek Ant	N/A
Aupore	Position	ek Aupoter Augo	_
G.5.4.2	Test conditions	otek Anboten Anbo	N/A
G.5.4.3	Running overload test	obotek Anboten Anbo	N/A
G.5.4.4	Locked-rotor overload test	abotek Anboten Anbo	N/A
botek	Test duration (days):	Anbotek Anboten Anbo	_
G.5.4.5	Running overload test for d.c. motors in secondary circuits	Anbotek Anbotek Anb	N/A
G.5.4.5.2	Tested in the unit	Nek Aupore Aur	N/A





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Aupore	IEC 62368-1	otek Anboten Anbotek	nbotek
Clause	Requirement + Test	Result - Remark	Verdict
tek bup	ote Ann alek anamotek		
, botek	Electric strength test (V)		
G.5.4.5.3	Tested on the Bench - Alternative test method; test time (h)	Vupotek Vupor VIII.	N/A
Anboten	Electric strength test (V)	ek anbotek Anbot Al	
G.5.4.6	Locked-rotor overload test for d.c. motors in secondary circuits	Tek "potek Vuporn	N/A
G.5.4.6.2	Tested in the unit		N/A
poter b	Maximum Temperature	NAT AND	N/A
Anboten	Electric strength test (V):	Anbotek Anbo Lok	N/A
G.5.4.6.3	Tested on the bench - Alternative test method; test time (h):		N/A
Y No	Electric strength test (V)		N/A
G.5.4.7	Motors with capacitors		N/A
G.5.4.8	Three-phase motors	Anu , otek vupor	N/A
G.5.4.9	Series motors	Anbotes Anso stek Ant	N/A
Anboto	Operating voltage:	ek Anboles Anbo	_
G.6 Anboto	Wire Insulation	botek Anbotek Anbo	N/A
G.6.1 M	General	notek Anbotek Anto	N/A
G.6.2	Solvent-based enamel wiring insulation	hotek Anbotek Anbo	N/A
G.7	Mains supply cords	hotek Anbotek Anb	N/A
G.7.1	General requirements	Anbotek Anti	N/A
Allabotek	Туре	Anbotek	
k 200	Rated current (A):	lek Aupolek	_
PW.	Cross-sectional area (mm²), (AWG):	ok hotek Anbotek	_
G.7.2	Compliance and test method	Anbotes And Sotek Anbote	N/A
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	Anbotek Anbotek Anbo	N/A
G.7.3.2	Cord strain relief	tek nbotek Anboten A	N/A
G.7.3.2.1	Requirements	stek spotek Aupoton	N/A
stek ku	Strain relief test force (N):	nbo Anbotek Anbotek	
G.7.3.2.2	Strain relief mechanism failure	Anbor Anborek Anbore	N/A
G.7.3.2.3	Cord sheath or jacket position, distance (mm):	Vupor Will Posek Wupo	_
G.7.3.2.4	Strain relief comprised of polymeric material	Anbor An botek A	N/A
G.7.4	Cord Entry	(See appended table 5.4.11.1)	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
ok pat	ote Ann Jok		200
G.7.5	Non-detachable cord bend protection		N/A
G.7.5.1	Requirements	L YOK WOOL YILL	N/A
G.7.5.2	Mass (g):	Aupo Kek upotek A	o —
Aupr	Diameter (m):	lek Aupo lek	_
Anbo	Temperature (°C):	rek "upo, br. "K	_
G.7.6	Supply wiring space		N/A
G.7.6.2	Stranded wire		N/A
G.7.6.2.1	Test with 8 mm strand	Anbotek Anbot An	N/A
G.8 _{nboteh}	Varistors		N/A
G.8.1 (100 to 100 to 10	General requirements		N/A
G.8.2	Safeguard against shock		N/A
G.8.3	Safeguard against fire		N/A
G.8.3.2	Varistor overload test	(See appended table B.3)	N/A
G.8.3.3	Temporary overvoltage	(See appended table B.3)	N/A
G.9	Integrated Circuit (IC) Current Limiters	Anb otek Anbotek	N/A
G.9.1 a)	Manufacturer defines limit at max. 5A.	oter And stek anbotek	N/A
G.9.1 b)	Limiters do not have manual operator or reset	Inpotes Aug otek Aupotek	N/A
G.9.1 c)	Supply source does not exceed 250 VA:	Anbote, Anb otek anbot	<u> </u>
G.9.1 d)	IC limiter output current (max. 5A):	Anbotek Anbo tek	o —
G.9.1 e)	Manufacturers' defined drift:	Anbas	_
G.9.2	Test Program 1	Aupa	N/A
G.9.3 MOO	Test Program 2	lek Aupon	N/A
G.9.4	Test Program 3	notek Anboten Anbo	N/A
G.10	Resistors	Anbotek Anbotek Anbo	N/A
G.10.1	General requirements	K hotek Anbotek Anh	N/A
G.10.2	Resistor test	And notek Anbotek	N/A
G.10.3	Test for resistors serving as safeguards between the mains and an external circuit consisting of a coaxial cable	inbotek Anbotek Anbotek	N/A
G.10.3.1	General requirements	Anbotek Anbotek Anbote	N/A
G.10.3.2	Voltage surge test	Aupor An	N/A
G.10.3.3	Impulse test	Aupor Au	N/A
G.11	Capacitor and RC units	otek Anbor And Stek	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
rek pab	Oto And Spotek		- NO.
G.11.1	General requirements		N/A
G.11.2	Conditioning of capacitors and RC units	" YOK "POS" VIII.	N/A
G.11.3	Rules for selecting capacitors	Anbo sek abotek Ar	N/A
G.12	Optocouplers	stek Anbo. Anbotek	N/A
ek Anbo	Optocouplers comply with IEC 60747-5-5:2007 Spacing or Electric Strength Test (specify option and test results)	Tek "Upo" N. TK	N/A
pole A	Type test voltage Vini:	Pr	_
Anbores	Routine test voltage, Vini,b:	Anbotek Anbo tek	_
G.13	Printed boards		,boteP
G.13.1	General requirements		nb Rek
G.13.2	Uncoated printed boards		Poot
G.13.3	Coated printed boards		N/A
G.13.4	Insulation between conductors on the same inner surface	Anbotek Anbotek Anbe	N/A
Anbotek	Compliance with cemented joint requirements (Specify construction):	ok Anbotek Anbotek	_
G.13.5	Insulation between conductors on different surfaces	upotek Anbotek Anbotek	N/A
otek An	Distance through insulation	(See appended table 5.4.4.5)	N/A
nbotek	Number of insulation layers (pcs):	anbotek Anbotes Ano	_
G.13.6	Tests on coated printed boards	Who re Aug	N/A
G.13.6.1	Sample preparation and preliminary inspection	Anboto	N/A
G.13.6.2a)	Thermal conditioning	lek Auporen	N/A
G.13.6.2b)	Electric strength test	tek abotek Anbotek	N/A
G.13.6.2c)	Abrasion resistance test	Anbor All Stek Anbore	N/A
G.14	Coating on components terminals	Anbot Anbotek Anb	N/A
G.14.1	Requirements	(See G.13)	N/A
G.15	Liquid filled components	Potek Pursus VIII	N/A
G.15.1	General requirements	hotek Anbou An hotek	N/A
G.15.2	Requirements	Anbotek Anbore Ann notel	N/A
G.15.3	Compliance and test methods	Vupoten Vupote Vup	N/A
G.15.3.1	Hydrostatic pressure test	handler Antote And	N/A
G.15.3.2	Creep resistance test	P. Tek aboter A	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
tek no	oten Anbo		_6
G.15.3.3	Tubing and fittings compatibility test		N/A
G.15.3.4	Vibration test	" Nek abor All.	N/A
G.15.3.5	Thermal cycling test	Anbo An Abotek An	N/A
G.15.3.6	Force test	ek Anbor An abotek	N/A
G.15.4	Compliance	-fek "4000 br., -K	N/A
G.16	IC including capacitor discharge function (ICX)		N/A
a)	Humidity treatment in accordance with sc5.4.8 – 120 hours	w. stek upose. Yun	N/A
b)	Impulse test using circuit 2 with Uc = to transient voltage:	Ant	N/A
C1) Andrew	Application of ac voltage at 110% of rated voltage for 2.5 minutes		N/A
C2)	Test voltage:		_
D1)	10,000 cycles on and off using capacitor with smallest capacitance resistor with largest resistance specified by manufacturer	Anbotek Anbotek Anbot	N/A
D2)	Capacitance	Anbou ok hotek	_
D3) Anbou	Resistance:	Jotek Anbore And Jotek	_
Н	CRITERIA FOR TELEPHONE RINGING SIGNALS	S	N/A
H.1	General	obotek Anbot An otel	N/A
H.2	Method A	Anbotek Anbotek Anb	N/A
H.3	Method B	Aupote, Yun	N/A
H.3.1	Ringing signal	Anboto. A	N/A
H.3.1.1	Frequency (Hz):	rek Aupore	_
H.3.1.2	Voltage (V):	tek obotek Anboton	_
H.3.1.3	Cadence; time (s) and voltage (V)	Anboro Anboro	_
H.3.1.4	Single fault current (mA)::	Anbox Anbotek Anbro	_
H.3.2	Tripping device and monitoring voltage	Anbor An abotek A	N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage complied with	notek Anbotek Anbotek	N/A
H.3.2.2	Tripping device	notek Anbotek Anbo	N/A
H.3.2.3	Monitoring voltage (V):	Ann otek Anbotek Anbot	_
J	INSULATED WINDING WIRES FOR USE WITHO	UT INTERLEAVED INSULATION	N/A
VII.	General requirements	(See separate test report)	N/A





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Anbotek	Anbore	Anbotek	IEC 62	368-1	Anbotek	Anbotan	Andrek
Clause	And hotel	Requirement	+ Test	Antotok	Result - F	Remark	Verdict

K	SAFETY INTERLOCKS		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	HEIR 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
	Compliance and test method (identify method):		N/A
M.2.2	Compliance and test method (identity method)		,, .
M.2.2 M.3	Protection circuits		N/A





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	IEC 62368-1				
Clause	Requirement + Test	Result - Remark	Verdic		
M.3.2	Tests		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 circuitry	(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		





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdic
ek no	Ore Arriva		
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





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	IEC 62368-1			
Clause	Requirement + Test	Resul	t - Remark	Verdict
ek anb	ore And West	Γ		6
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	WITH BUILDIN	IG 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
₹.2	Determination of the overcurrent protective device and circuit			N/A
	Test method Supply voltage (V) and short-circuit			N/A





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Anbotek	Anboto Anbotek	IEC 62368-1	ek Anbo	rek Auporen	Andatek
Clause	Requiremen	t + Test	Re	sult - 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





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
cek no	oten Anao Ak wotek		
	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):		
U	MECHANICAL STRENGTH OF CATHODE RAY T AGAINST THE EFECTS OF IMPLOSION	UBES (CRT) AND PROTECTION	N/A
U.1	General requirements		N/A
U.2	Compliance and test method for non-intrinsically protected CRTs		N/A
U.3	Protective Screen:	(See Annex T)	N/A

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





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4.1.2 TABL	E: List of critical com	ponents			Ann Prek
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 Ant
PCB	Interchangeable	Interchangeabl e	V-0, 130°C	UL 94	ULrek
Polymer Battery	PIXIKA SAS	503040	3.7V, 500mAh, 1.85Wh	IEC 62133:2017	Report No. SZABB1190 610005-01

Supplementary information:

- 1) Provided evidence ensures the agreed level of compliance. See OD-CB2039.
- ²⁾ Description line content is optional. Main line description needs to clearly detail the component used for testing

4.8.4, 4.8.5	N/A							
(The follow	ving mechanical	tests are conducted in the seque	nce noted.)					
4.8.4.2	TABLE: Str	ote. Ann tak botek	_					
I	Part	Material	Oven Temperature (°C)	Comments				
Anbo	-botek	Anbote - And	anbotek Anbo K notek	Anboten				
4.8.4.3	TABLE: Bat	tery replacement test	nbotek Anbote Anti-	_				
Battery pa	rt no		Anbotek Anboten Anbo	_				
Battery Installation/withdrawal			Battery Installation/Removal Cycle	Comments				
botek	Aupore 1	atek anbotek Anbi	ok hotek- Anbote	Ann-				
4.8.4.4	TABLE: Dro	p test	-hote And Anbotek	_				
Impa	act Area	Drop Distance	Drop No.	Observations				
Anbo	ten Aupo		- tek Aupo,					
4.8.4.5	TABLE: Imp	act nbore An-	K notek Anbotek Anb	_				
Impacts	per surface	Surface tested	Impact energy (Nm)	Comments				
otek - Anboten Anbo			Thota Annotek	Aupo K				
4.8.4.6	TABLE: Cru	sh test	Anbotes Anb stek Anbotek	_				
Test position Surface tested			Crushing Force (N)	Duration force applied (s)				
tek Ar	Pose. Yun	otek Anbotek Anbo	An hotek - Anboten And	rek - abot				
Supplemer	ntary information	n: .k hotek anbo	Am tek spotek A	upo. Kiii				

4.8.5	TABLE: Lith	N/A		
Test po	osition	Surface tested	Force (N)	Duration force applied (s)

Shenzhen Anbotek Compliance Laboratory Limited

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

Tel:(86)755–26066440 Fax:(86)755–26014772 Email:service@anbotek.com





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Var.	Anbotek	Aupo.	photek	Aupore	Anna-	anbotek	Anbor
Supplementary information:		Anbo	No	hote	Anti	-46K	- upor

5.2	Table: 0	Classification of	electrical energy	sources				N/A
5.2.2.2	- Steady Stat	e Voltage and Cu	rrent conditions					
	Supply	Location (e.g. circuit designation)			Parameters			
No.	Voltage		Test conditions	U (Vrms or Vp	ok) (Ap	l ok or Arms)	Hz	ES Clas
abotek Anbotek Anbotek		Aupor						Ans
		Anbotek Anbotek	Anbotek Anbotek		inbolek	Anhore	4/1/r	olekAn
5.2.2.3	- Capacitance	Limits						
	Supply	Location (e.g.			Param	eters		O
No.	Voltage	circuit designation)	Test conditions	Capacitance, nF			(V)	ES Class
oten.	Anb.	Anbotek	ps	Pun.	Anv.		yok hor	
Anbotek Anbo		k Anbotek	Anbote Anbotel		nbotek	Anbo atek Anbo		lek P
Anbot	Anbotek Anbotek		Aupor.	hotek Anbotek Anbo tek		ek .	botek	
5.2.2.4	- Single Pulse	es						
No.	Supply	Location (e.g. circuit designation)	Test conditions	Parameters				ES Class
v O.	Voltage			Duration (ms)	Upk (V) Ipk (mA)		ok (mA)	L3 Clas
abotek	Arbote.	k Anbotek	Normal	Upor VI	botek	Anbolen	-Aupo	184
	Anbore Anbore	Anbo	Abnormal	-µ0, b		Aroote	- Ano	otek_
	otek Ant	Die.	Single fault –			Anbot	'r b.	Potek
	nboth nboth		SC/OC			iek vupore.		Aub.
5.2.2.5	- Repetitive P				Davama	1000		
No.	Voltage	Location (e.g. circuit	Test conditions	24 1	Parameters			ES Class
	voltage	designation)	100	Off time (ms)	Upk (V) Ipi	k (mA)	. Va
Pupo.	otek Ant	o. b.	Normal	Anboten.	Anbote	v rapole	D.	botek
PLO	notek .	upo.	Abnormal	Anbotek	Anboro	otok vuj		Anbote.
tek	Anbotek		Single fault – SC/OC	tek Anbotek	ek And		Anbotek	
est Co	nditions:	Anbo	Anbotek An	Anbotek An	botek .	Anbotek	Anbot	ek A

Abnormal -

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





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5.4.1.4, 6.3.2, 9.0, B.2.6	TABLE: Temperature r	neasurem	ents				'potek	Anbo P
rak bu	Supply voltage (V)	Anto atol	.:	5Vdc		3.8Vc	lc	_
Por No	Ambient T _{min} (°C)	Anb	0.00	,		201-	VII.	_
Anbor	Ambient T _{max} (°C)	Anb	alek .	nbotek	Aupor	VK NO	ek An	_
Anbore	Tma (°C)	Ant	Ne*	40.0	Aupo,	40.0	notek	_
Maximum me	easured temperature T c	of part/at:			T (°0	C)		Allowed T _{max} (°C)
PCB near Mid	cro USB			59.0 72.0)	130
Battery surface	ce cell	"ofe"	v aup.	51.1 49.4			An	Ref.
Internal wire	abotek Anbote	VUP	LOK	51.4			ik _n'	80
PCB near U1	hotek An			56.6 63.8			3	130
PCB near U7	k zotek			58.4 81.2				130
PCB near U8	Aug Otek			59.7 73.6			;	130
Inside enclos	ure Ambara			46.4		45.4		80
Outside enclo	osure	, botel	Anbo	46.3	"otek	44.8	Aupon	80
Supplementa	ry information:	k 200	Itek A	Pole	Vun Vie	ik anbote	Anb	Oz. K
Temperature	T of winding:	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	R ₂ (Ω)	T (°C)	Allowed T _{max} (°C)	Insulation class
k Aupote	Ann	botek	Aupor	P.,	×	inpose	'up-	-botek
U P	ry information: should be considered a	s directed h	ov appliable	e requirem	oo ^{tek}	Anbotek	Anbor	K Anbo

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

		200 000			
5.4.1.10.2 TABLE: Vicat softening temperature of the	Anbo	N/A			
Penetration (mm)		iek Aupo	_		
Object/ Part No./Material	Manufacturer/t rademark	T softening (°C))		
-both Ambotek Anbotek Anbo	potek Anbote	Ann otek - onbo	tek Yup		
supplementary information:	botek Anbote	And	botek l		

5.4.1.10.3 TABLE: Ball p	10.3 TABLE: Ball pressure test of thermoplastics					
Allowed impression diameter	r (mm):	≤ 2 mm	Vupor.			
Object/Part No./Material	Manufacturer/trademark	Test temperature (°C)	Impression diameter (mm)			
run otek upotek	Tubo M. Tuotek Wu	oter And	botek Anbor K			
Supplementary information:	Anbor An hotek	Anboten Anbo tek	abotek Anbote			





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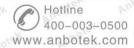
5.4.2.2, TABLE: Minimum (5.4.2.4 and 5.4.3	Clearance	s/Creepa	ge distance	otek An	botek 1	Inpotek -tek	N/A
Clearance (cl) and creepage distance (cr) at/of/between:	Up (V)	U r.m.s. (V)	Frequenc y (kHz) ¹	Required cl (mm)	cl (mm) ²	Required ³ cr (mm)	cr (mm)
Anbotek Anbo stek Anbo	(8K MU	bc	Ann Hotek	Anbotek	- Hupor	- bu.	potek Ar
Anboten Anbe Anbe Ar	porek	Auporg	Anabotel	-Anbot	bup	otek A.	Napotak
Supplementary information:	Arbotek	Aupor	bro	. 193 ₋	poter p	'up-	nbotek

5.4.2.3	TABLE: Minimum Clea	arances distances using	required withstand	d voltage	N/A
work.	Overvoltage Category	(OV): And	r. stek	Anhore Ann	N. Die
Aur	Pollution Degree:	rok -pose,	And	wek -	Pose V
Clearance	distanced between:	Required withstand voltage	Required cl (mm)	Measured	I cl (mm)
ie ^K ant	poter And				hotek
otek.	Anbotek Anbos				by.
Suppleme	ntary information:	Pr. Tek "pote.	Anu.	work anbo	r. Vu

5.4.2.4 TABLE: Clearance	es based on el	ectric strengt	h test	V. Vien	notek un	N/A
Test voltage applied between:	R	equired cl (mm)	Test voltage peak/ r.m.s. /		Breakdov Yes / N	
otek anbotek Anbote	All.	Anbotek	Aupo rek	abotsk.	Anbole.	Yun
Supplementary information:	Ann	anbotek	Anbo	pr. notek	Anboten	AUD

5.4.4.2, TAB 5.4.4.5 c) 5.4.4.9	TABLE: Distance through insulation measurements)		ance through insulation measurements				Anbotek
Distance through insulation di at/of		Peak voltage (V)		equency (kHz)	Material	Required DTI (mm)	DTI (mm)
botek Anbote	,	in stek suboti	8k Vu	DO.	Vi.	Anboren Ar	lan rek - al
an Ant	OKER	Anbe	potek	Vapore	Ann	Anbotek	Mupo. W.
Supplementary in	formatio	n: And	abotek	Anboro	All otek	Anbotek	Aupo

5.4.9	TABLE: Electric strength tests	notek Anbotek	Anbo sek ab	N/A
Test voltag	e applied between:	Voltage shape (AC, DC)	Test voltage (V)	Breakdown Yes / No
ru-	Aupotek Aupo A. Abotel	Anbote And	ctek -nbotek	Anbor - An
Supplemer	ntary information:	tek Anboten Ar	Anbotek Anbotek	K Anbotek





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Pupo.	k spoke.	MUL	v nek	VIDO. VIII	Nover Hover
5.5.2.2 TABLE: Sto	ored discharç	ge on capacito	ors Anbo	K wotek of	MA N/A
Supply Voltage (V), Hz	Test Location	Operating Condition (N, S)	Switch position On or off	Measured Voltage (after 2 seconds)	ES Classification
otek - onbotek	Aupor-	br.	Anv	tek - nbor-	An K
Supplementary informat	ion: Anbote				
X-capacitors installed fo	r testing are:				
□ bleeding resistor rat	ing:				
□ ICX:					
Notes:					
A. Test Location:					
Phase to Neutral; Phase	to Phase; Ph	ase to Earth; a	and/or Neutral t	to Earth	
B. Operating condition a	abbreviations:				ek "upore b
N - Normal operating co	ndition (e.g., i	normal operation	on, or open fus	se); S –Single fault cond	dition wooden

5.6.6.2 TABLE: Resistance of protective conductors and terminations							
Accessible part	Test current (A)	Duration (min)	Voltage drop (V)	Resistance (Ω)			
Pupo W. Polek Vupole	Ans - stek	Anbotek Anbot	W Notek	Anboten Ar			
Supplementary information:	otek Anbotek	Anbotek Ant	potek Anbot	ek Anbotek			

5.7.2.2, 5.7.4	TABLE: Earthed accessible conductive particles	tek Anbotek		N/A
Supply vo	Itage	stek subotek	Anbote	_
Location		Test conditions s IEC 60990 or Fai in IEC 60990 clar through 6.2.2.8, 6	ult Condition Nouse 6.2.2.1	Touch current (mA)
- Bu	notek Ant	-	- ntek Anb	rek -Aupo.

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							
Source	Description	Measurement	Max Power after 3 s	Max Power after 5 s*)	PS Classification		





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, i	Amb	Anbotek	Power (W)	:	obotek -Anbotek	Anbot Anbot	ek Anbores
9	Anu Lotek	Anbotek	V _A (V)	:	. Ak _ hote.	Anu	tek aboto
3	yes Aug	ek Anborek	I _A (A)	:			Anbole

Supplementary Information:

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

6	5.2.3.1 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
P	who we work Aubol	Pur rak	-botek An	or bu	anboten A

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 Potentia	al Ignition Sour	ces (Resistive F	PIS) Anboten 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
00. b	- notek	Anboten Anbo	- abotek	Anbore P	otek Anbote	-Aupo

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	rek Anbotek Anbote	N/A
Description	Values	Energy Source Classification
Lamp type	Anboten Anbo tek	_
Manufacturer	Anbotek Anbo	_
Cat no.	anbotek Anbote	_
Pressure (cold) (MPa)	ek abotek Anbote	MS_





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Pressure (operating) (MPa)	ek Anbore	Aug	MS_	Aupor
Operating time (minutes):	-vk hote	AUD	_	
Explosion method:			_	
Max particle length escaping enclosure (mm) .:			MS_	- Anbo'
Max particle length beyond 1 m (mm):	Yun ofek	hotek	MS_	notek Ar
Overall result	Ann	nbotek	Aupor K	zotek.
Supplementary information:	er Anbo	nbotek	Anboto	Anbotek

B.2.5	TABLE: Inp	out test					- 07	P Anb
U (V)	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition	on/status
Supplied b	y DC 5V source	ce, with an emp	ty battery:					botek
ek Ant	0.380	1.0	1.907	note.			1KHz aud deliver the Non-Clipp power on Charging	e 1/8 Max. ed output speakers.
Supplied b	y internal full b	oattery:	Aupor	Air. Otek	Anboten	Anbo	o.k ~ .to	otek p
Ani 3.8 Anbote	0.230	tek Anbotek	ek Aupote	k Anbotek	Anbotek Anbo	potek Au	1KHz aud deliver the Non-Clipp power on Dischargir	ed output speakers.

Supplementary information:

Equipment may be have rated current or rated power or both. Both should be measured

B.3 Anbotes	TABLE: Abnorm	nal operating o	condition to	ests				unbo vak	P.K
Ambient temp	perature (°C)				:	24.6-2	25.2	Aupo	<u> </u>
Power source	for EUT: Manuf	acturer, model	/type, outpu	ıt rating		See p	age 2 for d	etails	
Component N	No. Abnormal Condition	Supply voltage, (V)	Test time (ms)	Fuse no.	Fu curre	se 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.

B.4	anbore	TABLE: Fault con	dition tests			Potek
	De.					200

Shenzhen Anbotek Compliance Laboratory Limited

Hotline 400-003-0500



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Ambient tempera	ıture (°C)	P.C	- abotek	b2/2)O-	25.0	worker.	anbote.		
Power source for	EUT: Manuf	facturer, mode	l/type, outp	ut rating	note.	P			*K	_
Component No.	Fault Condition	Supply voltage, (V)	Test time (ms)	Fuse no.		ise nt, (A)	T-couple	Temp. (°C)	Ob	oservation
Output	SC	5Vdc	10mins		-	-			dow imm prot	nediately, tection, no naged, no
U8 pin1-8	SC	5Vdc	10mins		-	-			dow imm prot	nediately, tection, no naged, no
Battery	Overcharg e	5Vdc	7h		-				stab	nperature pility and nazards.
Battery	Over discharge	5Vdc	7h		-				stab	nperature pility and nazards.
Battery B- to P-	SC	5Vdc	10mins		-	-			dow imm prot	nediately, tection, no naged, no
Speaker	SC	5Vdc	10mins		-	-			the not	mal ration, only speaker is working. damaged, nazard.



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Annex M	TABLE: Batte	eries						otek	Anbo P
The tests of	Annex M are	applicable o	only when app	ropriate b	attery data	is not ava	ailable	-46K	N/A
Is it possible	to install the l	pattery in a	reverse polar	ity position	1?	:	No		Aupore
	Non-re	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. current during norm condition	- ND-	otek buy	P//	136mA	250mA	210mA	250mA		Anbote Anbote
Max. current during fault condition	t Jolek	Anbotek Anbotek	Autoler	148mA	250mA	221mA	250mA	An-	orek b
Test results:	, botek	An	•					•	Verdict
- Chemical l	eaks	1/-					No leaka	ige	AnhPrek
- Explosion	of the battery	otek					No explo	sion	Phote
- Emission o	of flame or exp	ulsion of m	olten metal	ole.	A DV-		No flame	, vov	Panbo
- Electric stre	ength tests of	equipment	after completi	on of tests	ek a	botek	>upore	Kun	otek A
Supplement	ary information	n: Anbotek	tek Anbotek	anbo.	potek k	Anbotek notek	Anboten	ek bu	nbotek

	ole: Addition teries	al safeguards for	r equipment con	taining seconda	ry lithium	N/A	
Battery/C	ell	Test conditions		Measurements		Observation	
No.			U	I (A)	Temp (C)		
Aupor	VII.				Anv	. notek	
Supplementary	Information:	ak abore	An-	otek or	ibotek Anbo	tek Anbotek	
Battery identification	Charging T _{lowes} (°C)	-	servation	Charging at Thighest (°C)	Obse	ervation	
h. abolek	Prupose	Ann stek	ipetek Aupo	Ar. notek	Anboten	Auga	
Supplementary	Information:	And	Anbotek Anb	ore And	ek Anbotek	Aupor	





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Annex Q.1	TABLE: Circuits inte	ended for intercor	nection with	n building wiring	g (LPS)	And N/A
Note: Meas	ured UOC (V) with all lo	oad circuits disconr	nected:			loda
Output	Components	U _{oc} (V)	Isc	(A)	S (\	/A)
Circuit			Meas.	Limit	Meas.	Limit
Andrek	Anbotek Anbo	rek -nbotek	Augote.	Ant hotek	Anbolek	Aupor
- abotel	Anbote" Anb	otek anbotek	-Aupore	Ar botek	Ansotek	Anbo ctek
Supplement	tary Information:					AUD
SC=Short c	ircuit, OC=Open circuit					

T.2, T.3, T.4, T.5	ABLE: Steady force t	est			,bote p
Part/Location	n Material	Thickness (mm)	Force (N)	Test Duration (sec)	Observation
Complete EUT enclosure	Plastic material	Min. 1.5	Anbotak A	5s Anbore	No energy source exceed class 1 can be accessed
Supplementary	/ information:	Anboten	Anbotek	Aupotek Aup	note ^X Anbote ^N

T.6, T.9	TABLE: Impact tests	anbotek An	Poro, Yun	N/A
Part/Location	n Material	Thickness (mm)	Vertical distance (mm)	Observation
Auporg	All Lotek			And tek Anbotek
Supplementary	y information:	•		Anbe tek nbotek

T.7	TAB	LE: Drop tests	Ann	Anbotek An	oo Ak botek Anbote Punt
Part/Locat	tion	Material	Thickness (mm)	Drop Height (mm)	Observation
Complete I	EUT	Plastic material	Min. 1.5	1 000 mm	No energy source exceed class 1 can be accessed
Supplement	ary in	formation:	inbo rek	potek Anboth	And otek Anbotek Anboo

T.8	TABL	E: Stress relief t	est	A. botek	inbote. And	otek nbelek P Anbe
Part/Locat	ion	Material	Thickness (mm)	Oven Temperature (°C)	Duration (h)	Observation



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Enclosure	Plastic material	Min. 1.5	70	Ant 7	No energy source exceed class 1 can be accessed
Supplementary inf	ormation:	Anbotek			Auboli





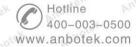
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Aupo.	Anbotek Anbote	National Differences	Anbot stek anbotek	Anbotek
Clause	Requirement + Test	k Vin VK Pores	Result - Remark	Verdict

ATTACHMENT TO TEST REPORT IEC 62368-1

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

	EUROPEAN NATIONAL DIFFERENCES	
	according to EN 62269 1:2014/Ac:2015	
	according to EN 62368-1:2014/Ac:2015	
otek Anl	CENELEC COMMON MODIFICATIONS	ek-
Clause		Verdic
General	Clauses, subclauses, notes, tables, figures and annexes which are additional	Verdic
Jeneral	to those in IEC 62368-1:2014 are prefixed "Z".	Anb
	y Anbotek	
	Attention is drawn to the possibility that some of the elements of this	
	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.	
	This standard covers the Principle Elements of the Safety Objectives for	
	Electrical Equipment Designed for Use within Certain Voltage Limits (LVD -	
	2006/95/EC).	
	ok hotek Anboten Anb tek photek Anbote An otek	
	Requirement of sound pressure for personal music player addressed by the mandate M/452 are covered in 10.6 "Safeguards against acoustic energy	
	sources".	
	anbotek Ano	
	For equipment falling within the scope of directives other than those against	
	which this standard is harmonized, additional requirements from those	
	directives may apply.	
N AND	A Little Callege and about Ambore Ambore Ambore	6 p
Contents	Add the following annexes: Annex ZA (normative) Normative references to international publications	Р
	with their corresponding European publications	
	And tek Anboten Anbotek Anbotek Anbotek	
	Annex ZB (normative) Special national conditions	
	Anbot Ak Anbotek Anbotek Anbotek Anbotek Anbotek	
	Annex ZC (informative) A-deviations	
	Hotek Anbote Anb tek hotek Anbote An otek inbote	
	Annex ZD (informative) IEC and CENELEC code designations for flexible	
	cords And the same	





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Aupor	National Differences		
Clause	Requirement + Test	Result - Remark	Verdict
Aup	stek anbotek Anbott	•	Anbr
ZA	NORMATIVE REFERENCES TO INTERNATI WITH THEIR CORRESPONDING EUROPEA		- P



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

notek s	ZB ANNEX (normative) SPECIAL NATIONAL CONDI	W. Color	
Clause	Requirement + Test	Result - Remark	Ver
4.1.15	Denmark, Finland, Norway and Sweden	Anbotek Anbotek	N/
	K abotek Arbo, Ar	- W	Anb
Aupor	To the end of the subclause the following is		
	added:		P
-K	Mek Anbote.	. Ale Ant	
	Class I pluggable equipment type A	abotek Anbo	Nex
hotek	intended for connection to other equipment or	76 70	Vo.V
	a network shall, if safety relies on connection		por
Anbor	to reliable earthing or if surge suppressors are		nbo
apoter	connected between the network terminals and		ber
- Pr-	accessible parts, have a marking stating that		P ₂
Anb.	the equipment shall be connected to an	W	
otek a	earthed mains socket-outlet.	sotek Anbotes Anbe	No.
rek	Cartilla mains sourct-outiet.	Anbrase Anbrase	0
Anbor	The marking text in the applicable acceptains	Anbore And	botek
abotek	The marking text in the applicable countries	botek Anbota A	
by. otek	shall be as follows:	An tek abotek	Vupo
Anbo	W. S notek "Anbote" Anu ok bot	ek Anbo. An	2.0
K Anbo	In Denmark : "Apparatets stikprop skal	stek Anboten Anbo	, P.
401	tilsluttes en stikkontakt med jord som giver	ok hotek Anbote	
Jose M	forbindelse til stikproppens jord."	Anbote And tak ho	Vek.
abotek	N. Do	Anbor An	4920
a. otek	In Finland : "Laite on liitettävä	anbotek Ar	Upo
Aupa	suojakoskettimilla varustettuun pistorasiaan"	K -otek	Anbot
Anbore	Vun.	ien Aup	
K , 60'	In Norway : "Apparatet må tilkoples jordet	ok hotek Anbote	VU
V.	stikkontakt"	ohte And Lek Lootek	
otek An	by W notek Aubote, Wung	botek Anbor An	18 N
otek	In Sweden: "Apparaten skall anslutas till jordat	stek sabotek Anbo	V
Who was	uttag"	Anbo K Ar wotek Ar	pore
Anbore	Annotek Anbor Antek	Anbote. Anb	hote
4.7.3	United Kingdom	W botek Anbote	N/
1.7.0	ek anboten Anbo k notek Anbote	Ann tek abotek	An
V Vupo.	To the end of the subclause the following is	ctek Anbote And	
rek nat	added:	otek abotek Anbo	V-
	otek Anbote Ann tek abotek	Albo K Albot	
nbote	The torque test is performed using a socket-	Anboten Anbo	HOTEK
botek	N POL	hotek Anbote An	50
Vu.	outlet complying with BS 1363, and the plug	And Lok -botek	Yuporg
Anbor	part shall be assessed to the relevant clauses	K Anbore Ant	- 10
zhen Anbot	of BS 1363. Also see Annex G.4.2 of this	K rotek Vupor	Dur





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Vupore.	Ambotek Anbotek	National Differences	Anbotek Anbo	Anbotek
Clause	Requirement + Test	Andk hotel	Result - Remark	Verdict

tek Anbo	ZD ANNEY (normative)		
	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek	annex	Andotek Anbotek	nbotek
5.2.2.2	Denmark		N/A
	After the 2nd paragraph add the following:	anbotek Anbote And	otek Ar
	A warning (marking safeguard) for high touch current is required if the touch current exceeds the limits of 3.5 mA a.c. or 10 mA d.c.		,botek
Anboten	Andr		br.
5.4.11.1 And	Finland and Sweden	y tek abor	N/A
Annex G	To the end of the subclause the following is added:	Anbotek Anbotek Anbo	te ^k
	For separation of the telecommunication network from earth the following is applicable:	k Anbotek Anbotek	Anbotek Anbot
otek Anbou	If this insulation is solid, including insulation forming part of a component, it shall at least	otek Anbotek Anbotek	lek Au
	• two layers of thin sheet material, each of	Anbotek Ar	botek Anbotek
	which shall pass the electric strength test below, or	otek Anbotek Anbotek	Anbote
	one layer having a distance through insulation of at least 0.4 mm, which shall	inbotek Anbotek Anbotek Anbot	ek
	pass the electric strength test below. If this insulation forms part of a semiconductor	Anbotek Anbotek An	Anbotek
	component (e.g. an optocoupler), there is no distance through insulation requirement for the	tek Anbotek Anbotek	Anbote
otek Anb	insulation consisting of an insulating compound completely filling the casing, so that	botek Anboten Anbo	2k b
	clearances and creepage distances do not exist, if the component passes the electric	Anbotek Anbotek An	ootek obotek
	strength test in accordance with the	w botek Anbor	211





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Vupore 16K	Anbotek Anbotek	National Differences	Anbotek Anbotek	Anbotek
Clause	Requirement + Test	K And noted	Result - Remark	Verdict

Ster. And	ZB ANNEX (normative)		
otek on	SPECIAL NATIONAL CONDIT		
Clausk	164 VAO. B., A. 1946,	V60. V6 N0	/onal! = 1
Clause	Requirement + Test	Result - Remark	Verdict
"Ofek	compliance clause below and in addition	Ar otek Anboter An	
And	botek Arbor An	- 1/20 -x	
Anboro	passes the tests and inspection criteria		
tek abot	of 5.4.8 with an electric strength test of		
P.I.	1.5 kV multiplied by 1.6 (the electric		
poten Ani	strength test of 5.4.9 shall be performed	abotek Anbot Air	
"otek	using 1.5 kV), and	All ten nb	
And	notek An	3	
Anbolo	is subject to routine testing for electric		
botek	strength during manufacturing, using a		
N. A.	test voltage of 1.5 kV.		
ek Anbo	toot voltage of 1.5 kV.		
otek ont	It is permitted to bridge this insulation with a	stek anbotek Anbo	
pc pk	capacitor complying with EN 60384-14:2005,	Anbot A notek Anbot	
Anbote.	subclass Y2.	Anboten Anbo	
botek	SubcidSS 12.	hotek Anbote An	
VII.	A separation also if ad V2 according to EN	And botek	
Anbo	A capacitor classified Y3 according to EN	k Aupole Au	
ek anbote	60384-14:2005, may bridge this insulation	rek nbotek Anbo	
- W 15	under the following conditions:	o. A. otek Anbote	
pote. And	tek botek Anbor All dek	inboten Ando ok hole	
abotek P	the insulation requirements are satisfied	Anbote And	
Arrek	by having a capacitor classified Y3 as	botek Alb	
Ambo	defined by EN 60384-14, which in	Al., stek	
Anboten	addition to the Y3 testing, is tested with	lek Aupo	
k hotel	an impulse test of 2.5 kV defined in	w sotek anbote	
And	5.4.11;	oter Anb	
otek Anb	All otek anboten Anbo	hotek Anbore And	
5.4.11.1	boten Anbote Anbote	The spotek Aupo	N/A
And	 the additional testing shall be performed 	Anbotek Anbote, Anb	
Annex G	on all the test specimens as described in	anboten Anbo A	
(cont'd)	EN 60384-14;	Anbotes Anbotes	
VIII.	upotek Anbo k notek upote	And botek	
k Anbotek	the impulse test of 2.5 kV is to be performed	tek Aupore Aur	
otek anbo	before the endurance test in EN 60384-14, in	tek abotek Anbot	
V 2.	the sequence of tests as described in EN	upor Air stek subotar	
inpoten A	60384-14.	anbotek Anbo K	
botek	Anbotek Anbotek	Andrek Anboten And	
Ann	Proposek Pupo, VIII Jick Vibotek	Anto K Kotok	aboto
5.5.2.1	Norway	abote Ant	N/A





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Vupore 16K	Anbotek Anbotek	National Differences	Anbotek Anbotek	Anbotek
Clause	Requirement + Test	K And noted	Result - Remark	Verdict

View VUD.	ZB ANNEX (normative)		-
	SPECIAL NATIONAL CONDIT		
Olk	Tek You by	DUD 184 24	N/ E-
Clause	Requirement + Test	Result - Remark	Verdic
	After the Onderson Mark the Collection is added.	botek Anbote	run stel
	After the 3rd paragraph the following is added:		Aupo
	Due to the IT request events are used, compaite as		Anb
	Due to the IT power system used, capacitors		
	are required to be rated for the applicable line-	rek above Ann	P
Ipo N	to-line voltage (230 V).	Anbor Air stek sub	oten
5.5.6	Finland, Norway and Sweden		botek
5.5.0 tek	Filliand, Norway and Sweden		N/A
hotek.	To the end of the subclause the following is		AUDO
And	added:		Anbo
ek Anbo	added.	D- 1 1/2 02-	4.9
notek ar	Resistors used as basic safeguard or	otek Anbotek Anbo	-ok
, vek	bridging basic insulation in class I	Anbo Anbo Motek Anbo	O.Co.
Anbor	pluggable equipment type A shall comply	Anbore And stek	potek
	with G.10.1 and the test of G.10.2.	abotek Anbo	wotek
	Anbo tek t nbotek Anbo	k hotek Anbote	VUD
5.6.1	Denmark	tek abotok	N/A
Aupo	Add to the end of the subclause	otek Anbo K Ar hotek	IN/A
ootek An	boto And tek anbotek Anbo	hotek Anboten Anb	Yes
otek.	Due to many existing installations where the	And Anbotek Anbo	V.
Anbo	socket-outlets can be protected with fuses with	A., Otek	poter
Anbore	higher rating than the rating of the socket-	And	Notek
anbotek	outlets the protection for pluggable equipment	iek Anbor	bu.
	type A shall be an integral part of the	K Jotek Anboten	Anbe
	equipment.	oter Anb	P.O.
	oo An Jotek Anboten Anb	botek Anbore An	49
	Justification:	atek Anbotek Anbo	40.
	In Denmark an existing 13 A socket outlet can	And Lek hotek Ar	pole
Anbor	be protected by a 20 A fuse.	Anbore Ans	anbotek
anboter.	Anbout Anbout An	botek Anbu	by.
5.6.4.2.1	Ireland and United Kingdom	tek abotek Anbote	N/A
Yr bu	olek Anbotes Anb	Ar otek anbotek	An
oter Anb	5.6.4.2.1 After the indent for pluggable	abotek Anbo K No	ek.
botek	equipment type A , the following is added:	hotek Anbotes Anb	401
atek.	abotek Anbotek Anbotek	And tek abotek An	bor
Anbo	- the protective current rating is taken to be	Anbor An otek	anbotek
abote.	13 A, this being the largest rating of fuse used	sboten Anbo	250





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Aupore	Anbotek Anbotek	National Differences	Ambore Ams botek	Anbotek
Clause	Requirement + Test	And woter	Result - Remark	Verdict

- K	ZB ANNEX (normative)			
poter p	SPECIAL NATIONAL CONDI	TIONS	be.	Nezo
Clause	Requirement + Test	Result - Remark	Vier	Ver
N. Stok	in the mains plug.	An tek abote	-	"upo.
	K hotek Arbote And tel	wapor Air		anb
5.6.5.1	To the second paragraph the following is			N/
	added:			E
	stek Anboter		+ WY	
poter b	The range of conductor sizes of flexible cords	abotek Anbo		Yek
hotek	to be accepted by terminals for	V. 7661	~UD	10
Ann	equipment with a rated current over 10 A and			polo
Anbor	up to and including 13 A is:			n/o
nbote	Anbo			ber.
ale par	1.25 mm ² to 1.5 mm ² in cross-sectional area.			P
Ano.	NAME OF THE PARTY	0x		
notek p	nber An otek Anbotek Anbo A	hotek anbote	VILL	VOV.
5.7.5	Denmark	Yun Tek Thotek		N/
Anbo	notek Anbore And tek botek	Anbo, Air atek		pote
	To the end of the subclause the following is	anboten Anbo		200
	added:	k hotek Anbot		VUP
	tek nbotek Anbourk Anbot	re. And		P
ak Anbo	The installation instruction shall be affixed to	Hotek Anbor An		
	the equipment if the protective conductor	atek anbotek		No
Yo.	current exceeds the limits of 3.5 mA a.c. or 10	Augo W. Potek		Co.
	mA d.c.	And		botek
	Anbo	Anbor		
5.7.6.1	Norway and Sweden	iek pupot	er-	N
Ann	No. of the Man	Yo.		P.
k Aupo	To the end of the subclause the following is	hotek Anbore An		
stek an	added:	tek abotek		V6
, ak	hotek Anbote And tek abotek	Pupo, K W. Totek		6,
Aupore	The screen of the television distribution	Anboter And		Nayoo
abotek	system is normally not earthed at the entrance	hotek Anbore		
	of the building and there is normally no	Ann tek abote		Aupo
	equipotential bonding system within the	S. Vupo. N		2.0
	building. Therefore the protective earthing of	stek Aupoter Aut		100
	the building installation needs to be isolated	tok botek		
	from the screen of a cable distribution system.	Anbore Ant		3/4
		abotek Anbot		otek
	It is however accepted to provide the	A. otek vopotek		D.
Anu	insulation external to the equipment by an	Aup. W. Moke		Anbot
	adapter or an interconnection cable with	Anbole, Anb		
zhen Anbot	ek Compliance Laboratory Limited	de You		Die

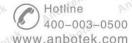




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Vupore 16K	Anbotek Anbotek	National Differences	Anborek Anborek	Anbotek
Clause	Requirement + Test	K And noted	Result - Remark	Verdict

	ZB ANNEX (normative)		
pote, M	SPECIAL NATIONAL CONDIT	PU. 184	otek
Clause	Requirement + Test	Result - Remark	Verdict
	galvanic isolator, which may be provided by a	Arr. Stek Anbotek	upo
	retailer, for example.	- upo	Anbore
	All		2000
	The user manual shall then have the following		VIII
	or similar information in Norwegian and	No No	P,
	Swedish language respectively, depending on	Anboten Anbo	Yek
	in what country the equipment is intended to	760 10	10K
	be used in:		1por
	hotek		Anboten
Anbore.	And		20
5.7.6.1	"Apparatus connected to the protective		N/A
(cont'd)	earthing of the building installation through the	tek appor	PZ
	mains connection or through other apparatus	nbotek Anbo K A.	rek
	with a connection to protective earthing – and	otek anbote Anb	You
	to a television distribution system using	And Lok botek A	por
	coaxial cable, may in some circumstances	Anboto Ani	anbotek
	create a fire hazard. Connection to a television	ek abotek Anbo	No.
	distribution system therefore has to be	K hotek Anbote	And
	provided through a device providing electrical	bote, Wung tek spotek	An
otek Ant	isolation below a certain frequency range	abotek Anbore All	(e)
	(galvanic isolator, see EN 60728-11)"	Anboten Anbo	
	potek	M. Motek At	pore
	NOTE In Norway, due to regulation for CATV-	And	abotek
	installations, and in Sweden, a galvanic isolator shall	iek Anbore	bu.
	provide electrical insulation below 5 MHz. The insulation shall withstand a dielectric strength of 1.5 kV r.m.s., 50	otek Anbotek	Anbo
	Hz or 60 Hz, for 1 min.	otek Anbo ok hotek	An
	ot All stek Anbotek Anbo	hotek Anbore Ant	e/K
	Translation to Norwegian (the Swedish text	Amb tek abotek Ambo	V
	will also be accepted in Norway):	Anbor Air notek an	poter
	And tek abotek Anboo All atek	Anboten Anb	hotek
	"Apparater som er koplet til beskyttelsesjord	botek Anbote	Arra
	via nettplugg og/eller via annet jordtilkoplet	An stek spotek	Aupo.
	utstyr – og er tilkoplet et koaksialbasert kabel-	otek Anbo K A Jotek	Ina
	TV nett, kan forårsake brannfare. For å unngå	notek Anboten Anbo	40
	dette skal det ved tilkopling av apparater til	and tek botek Anbot	
	kabel-TV nett installeres en galvanisk isolator	Anbott Ant	otek
	mellom apparatet og kabel-TV nettet."	nbotek Anbot All	work.
	Anbote Ann Jek botek Anbote	All otek anbotek	Aupo





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Vupore.	Ambotek Anbotek	National Differences	Anbotek Anbo	Anbotek
Clause	Requirement + Test	Andk hotel	Result - Remark	Verdict

	ZB ANNEX (normative)		
pole, bu	SPECIAL NATIONAL CONDIT	Vila 184	otek
Clause	Requirement + Test	Result - Remark	Verdic
	Translation to Swedish:	Ann Anbotek Anbotek	kupo, potel
	"Apparater som är kopplad till skyddsjord via		Anu
	jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i		Ans
	vissa fall medfőra risk főr brand. Főr att	abotek Anbote Ann	otek A
	undvika detta skall vid anslutning av	Ar nb	hotek
	apparaten till kabel-TV nät galvanisk isolator finnas mellan apparaten och kabel-TV nätet.".		, botek
Anbotek	Ando		VUL
5.7.6.2	Denmark		N/A
	To the end of the subclause the following is	sbotek Anbotek Anbot	rek A
	added:	Anbotek Anbotek Anb	wotek.
	The warning (marking safeguard) for high	Anbotek Anboter A	no rotek
	touch current is required if the touch current or	ek Anbotek Anbote	Vun.
	the protective current exceed the limits of 3.5 mA.	otek Anbotek Anbote	Ant
otek Anb	Anbotek Anbotek Anbotek Anbote	hotek Anbotek Anboro	ek bi
B.3.1 and	Ireland and United Kingdom	Vupoley, Munc	N/A
B.4	abotek	hotek A	poro
	The following is applicable:	And	nbotek
	Anbo	tek Anbot	bu.
	To protect against excessive currents and	otek subotek	Anbo
	short-circuits in the primary circuit of direct	otek Anbo k A. otek	0.77
	plug-in equipment, tests according to	otek Anboten Anb	No.
	Annexes B.3.1 and B.4 shall be conducted	Anbo Ak botek Anbo	
	using an external miniature circuit breaker	Anbote And	potek
	complying with EN 60898-1, Type B, rated	botek Anbore Ar	*ek
	32A.	Anb botek Anbotek	Vupo.
	abotek Anbo K Anbote	And Lak botek	Aupo,
	If the equipment does not pass these tests,	stek Anbote, Ann	
	suitable protective devices shall be included	hotek Anbotek Anbotek	8k bu
	as an integral part of the direct plug-in	an tek botek Anbol	
	equipment, until the requirements of Annexes	Anbore Ant botek An	potek
	B.3.1 and B.4 are met.	Anbor An hotek	Anbotek

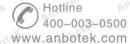




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Aupor	Anbotek Anboten	National Differences	Anbores Anbotek	Anbotek
Clause	Requirement + Test	And Notel	Result - Remark	Verdict

	ZB ANNEX (normative)	
	SPECIAL NATIONAL CONDIT	
Clause	Requirement + Test	Result - Remark Verdic
G.4.2	Denmark	N/A
G.4.2	Ari tek shotek Anbou Ali stek	IN/A
	To the end of the subclause the following is	And
	added:	Anbe
	sk matek	150
	Supply cords of single phase appliances	notek Anbote Ant
	having a rated current not exceeding 13 A	And tek and
	shall be provided with a plug according to DS	Jbotek
	60884-2-D1:2011.	notek
	Anbo	And
	CLASS I EQUIPMENT provided with socket-	Anbo
	outlets with earth contacts or which are	g- , _v _o- 61
	intended to be used in locations where	hotek Anboten Anb
	protection against indirect contact is required	And Lok Spotek Andore
	according to the wiring rules shall be provided	Ambor Ali otek Sabotek
	with a plug in accordance with standard sheet	Anboten Anbe sek botek
	DK 2-1a or DK 2-5a.	K botek Anbote And
	el Anboten Anbot	Anti-
	If a single-phase equipment having a RATED	otek Anbo K hotek An
otek An	CURRENT exceeding 13 A or if a poly-phase	botek Anbote And ek
	equipment is provided with a supply cord with	Anbotek Anbo
	a plug, this plug shall be in accordance with	All botek Alboter
	the standard sheets DK 6-1a in DS 60884-2-	And tek abotek
	D1 or EN 60309-2.	lek Aupor All
	Mains socket outlets intended for providing	otek Anbotek Anbo
	power to Class II apparatus with a rated	obten Anbo An hotek An
	current of 2.5 A shall be in accordance DS	hotek Anbote Anti
	60884-2-D1:2011 standard sheet DKA 1-4a.	nbot Anbotek Anbotek
	Other current rating socket outlets shall be in	Anbo k hotek Arboten
	compliance with Standard Sheet DKA 1-3a or	Anbote, And tek spotek
	DKA 1-1c.	Anbore Anbore An
	Mains socket-outlets with earth shall be in	An otek Anboten Anbo
	compliance with DS 60884-2-D1:2011	otek Anbole Ant hotek Ant
	Standard Sheet DK 1-3a, DK 1-1c, DK1-1d,	botek Anbote Ant
	DK 1-5a or DK 1-7a.	atek abotek Anbo
	Justification:	Anbox All stek anotek
	Heavy Current Regulations, Section 6c	Anboten Anbo ak notek
	Anbo Anbo Anbo	stek suport Ann





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Vupore 16K	Anbotek Anbotek	National Differences	Anborek Anborek	Anbotek
Clause	Requirement + Test	K And noted	Result - Remark	Verdict

otek An	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		nek 1
Clause	Requirement + Test	Result - Remark	Verdic
G.4.2	To the end of the subclause the following is added:	Anbotek Anbotek	N/A
	The plug part of direct plug-in equipment shall be assessed to BS 1363: Part 1, 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 12.13, 12.16, and 12.17, except that the test of 12.17 is performed at not less than 125 °C. Where the	Anbotek Anbote An-	atek abotek Anbotek
	metal earth pin is replaced by an Insulated Shutter Opening Device (ISOD), the requirements of clauses 22.2 and 23 also apply.	Anbotek Anbotek Anbotek Anbotek	tek A
9.7.1	United Kingdom	Anbotek Anbot A	N/A
	To the first paragraph the following is added:	otek Anbotek Anbotek	Anbo
iek Ant	Equipment which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS 1363 by	Anbotek Anbo	lpotek
	means of that flexible cable or cord shall be fitted with a 'standard plug' in accordance with the Plugs and Sockets etc (Safety)	tek Pupotek	Anbote
	Regulations 1994, Statutory Instrument 1994 No. 1768, unless exempted by those	upotek Anbotek Anbotek	e _K b _i
	regulations.	Anbotek Anbotek An	ootek
	NOTE "Standard plug" is defined in SI 1768:1994 and essentially means an	Anbotek Anbotek	Anbote
	approved plug conforming to BS 1363 or an approved conversion plug.	tek Anbotek Anbotek	Ans
6.7.1	Ireland Andreak Andreak Andreak	hotek Anbotek Anbot	N/A
	To the first paragraph the following is added:	Anbotek Anbotek An	anbotek Anbotek





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Vupore,	Ann Anbotek	National Differences	Anbotek Anbotek	Anbotek
Clause	Requirement + Test	And wotel	Result - Remark	Verdict

abotek Anb.	ZB ANNEX (normative) SPECIAL NATIONAL CONDIT		atek Ar
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 Anbote An	Anbotek Anbotek Anbotek Jotek Jotek
G.7.2 Notes ek Anbol botek An Anbotek Anbotek	Ireland and United Kingdom To the first paragraph the following is added: A power supply cord with a conductor of 1.25 mm² is allowed for equipment which is rated over 10 A and up to and including 13 A.	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	N/A

botek	Anbotek Anboten A	ZC ANNEX (informative	(e) otek Vupotek	Anbotek Ant
Yu. Potek	Anbotek Anbo	A - DEVIATIONS	Anbotek	Anbor
Clause	Requirement + Test		Result - Remark	Verdict



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Anbore	Anbotek Anboten	National Differences	Anbote Ann botek	Anbotek
Clause	Requirement + Test	K And ak hotel	Result - Remark	Verdict

	ZC ANNEX (informati A – DEVIATIONS	ive) Anbotek Anbotek Antotek Antotek	
Clause	Requirement + Test	Result - Remark	Verdict
10.5.2	Germany The following requirement applies:	whotel Anbo	N/A
	For the operation of any cathode ray tube intended for the display of visual images operating at an acceleration voltage exceeding	~	otek Ar Josek
	40 kV, authorization is required, or application of type approval (Bauartzulassung) and marking.		Anbotek Anbo
	Justification: German ministerial decree against ionizing radiation (Rötgenverordnung), in force since	Anbotek Anbotek Anbotek	otek Ar
	2002-07-01, implementing the European Directive 96/29/EURATOM.	Anbotek Anbotek Anbotek	Anbotek Anbot
otek Anboti	NOTE Contact address: Physikalisch-Technische Bundesanstalt, Bundesallee 100, D-38116 Braunschweig,	Anbotek Anbotek Anbotek	kek An
	Tel.: Int+49-531-592-6320, Internet: http://www.ptb.de	Antotok A	hotek



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Vuporer.	Ambotek Anbotek	National Differences	Anbotek Anbo	Anbotek
Clause	Requirement + Test	And wotel	Result - Remark	Verdict

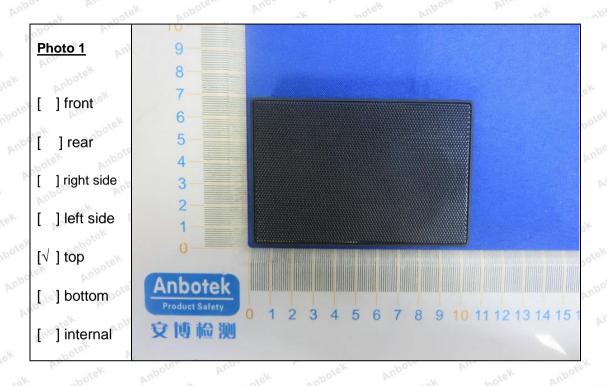
	ZC ANNEX (informative	/e)	
	A – DEVIATIONS	Anbotek Anbot An	
Clause	Requirement + Test	Result - Remark	Verdict
F.1 Anboten	Italy tek thotek Anbout All tek	nbotek Anbo	N/A
	- Aupo		by.
	The following requirements shall be fulfilled:		Anb
	• The power consumption in Watts (W) shall	tok boto An	b.,
	be indicated on TV receivers and in their	Anbore An atek anb	otek
	instruction for use (Measurement according to		hotek
	EN 60555-2).		10K
	Anboten		Anbo
	Note/Nota EN 60555-2 has since been		Anbo
	replaced by IEC 60107-1:1997.		
	hibiter Anbote An	dek anbotek Anbo	-Ar br.
	 TV receivers shall be provided with an 	Anbo ak kotek Anb	No.
	instruction for use, schematic diagrams and	Anbote And tek	botek
	adjustments procedure in Italian language.	abotek Anbot A	-otek
	Anbote An Iek anbotek Anbo	k hotek Anbote	Vun.
	Marking for controls and terminals shall be	Ant tek nbotek	Anbo,
	in Italian language. Abbreviation and	otek Anbo k hotek	An
otek An	international symbols are allowed provided	botek Anbote And	(e)K
	that they are explained in the instruction for	Anbotek Anbo	- 1/4
	use.	A. botek A.	pore
	The ECC manufacturers are bound to issue	And	nbotek
	a conformity declaration according to the	lek Wupon	br.
	above requirements in the instruction manual.	ok hotek Anbote	And
	The correct statement for conformity to be	pote And tek nbotek	PUL
	written in the instruction manual, shall be:	abotek Anboo K An	e/F
	Arbote Anbotek Anbotek Anbotek	hotek Anboten Anb	vek.
	Questo apparecchio è fabbricato nella CEE	Ann tek abotek Ar	1000
	nel rispetto delle disposizioni del D.M. marzo	Anbor K wotek	Anboten
	1992 ed è in particolare conforme alle	Anboter Anbo	20018
	prescrizioni dell'art. 1 dello stesso D.M.	lek abotek Anbote	Vien
	otek Anbote And Lok Hotek Anb	Att stek subotek	Anh

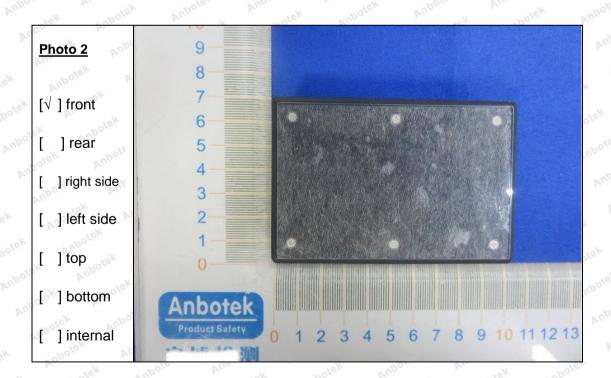


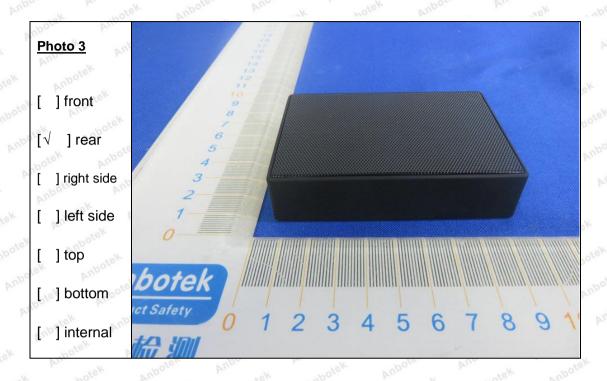
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Anbor	Anbotek Anboten	National Differences	Anbore Ans botek	Anborek
Clause	Requirement + Test	And And Motel	Result - Remark	Verdict

Her And	ZC ANNEX (informati	ve)	
	A – DEVIATIONS		
Clause	Requirement + Test	Result - Remark	Verdict
F.1 nbotek	The first importers of TV receivers	K nbotek Anbou	N/A
	manufactured outside EEC are bound to		Ann
	submit the TV receivers for previous		Anbe
	conformity certification to the Italian Post Ministry (PP.TT). The TV receivers shall have		P.
	on the backcover the certification number in	Anbotek Anbo Ak	otek
	the following form:	k	otek
	and rone wing ronni		100
	D.M. 26/03/1992 xxxxx/xxxxx/S or T or pT		Anbore
	S for stereo		anbo
	T for Teletext		
	pT for retrofitable teletext	otek Anbotek Anbot	ek Pi
	abotek Anbotek Anbotek	Anbo Anb	Ole.
	Justification:	Ambole Ant Otek	potek
	Ministerial Decree of 26 March 1992 : National	Anboten Anbo	abotek
	rules for television receivers trade.	tek anbotek Anbot	by,
	NOTE/NOTA: Ministerial decree above	Lek botek Anbote	Vun
	contains additional, but not safety relevant	atore All otek Anbotel	P.C.
ote. Ar	requirements	Amboten Amb	cek
	N loo	Anbor	notek
F.1,botek	The first importers of TV receivers	Anboto	N/A
	manufactured outside EEC are bound to	cek anbotek	Anbo
	submit the TV receivers for previous	tek abotek	Anbor
	conformity certification to the Italian Post	totek Anbor K An Sotek	An'
	Ministry (PP.TT). The TV receivers shall have on the backcover the certification number in	100	ek.
	No.	Anbotek Anbotek Anbo	No.
	aboter Anbot	All tek aboten Ar	pore.
	D.M. 26/03/1992 xxxxx/xxxxx/S or T or pT	Anbotek Anbotek Ar	Anbotek
		el Anbotek Anbote	hote
	T for Teletext	tek abotek Anbo	by.
	pT for retrofitable teletext	ok Potek Vupoter	PULL
	rek nbotek Anbo K notek	Anbore Ant tok abol	184

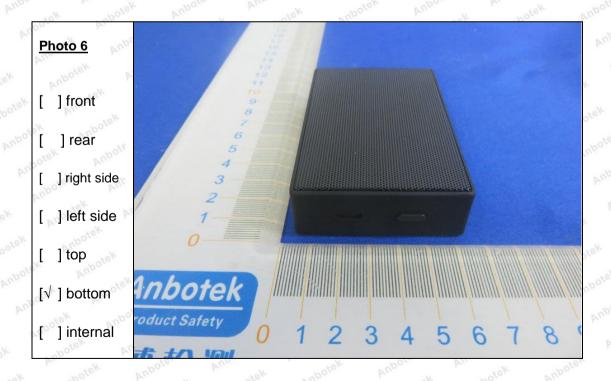


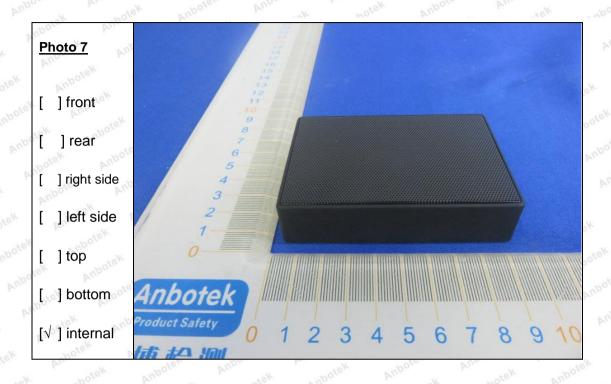


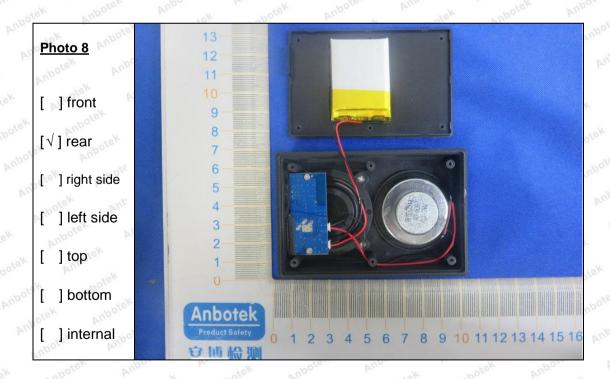




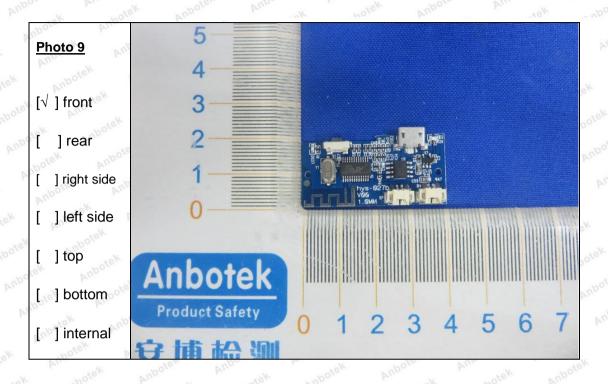


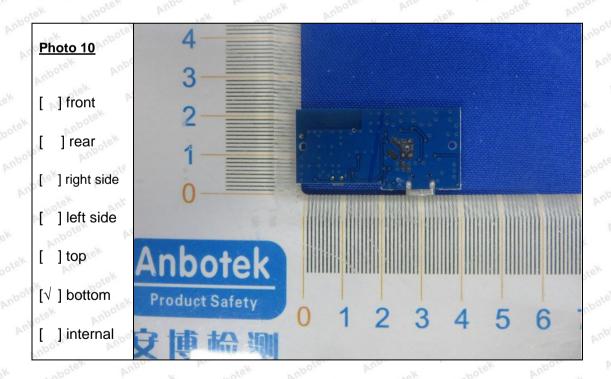




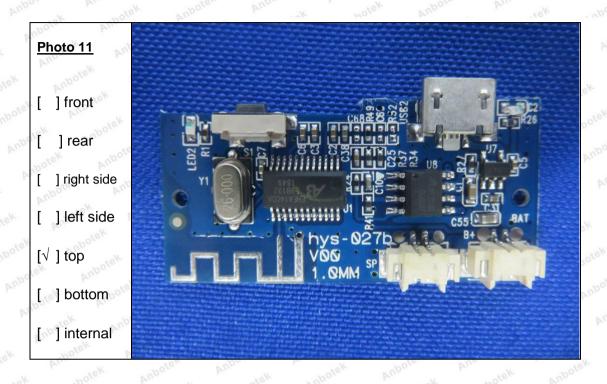


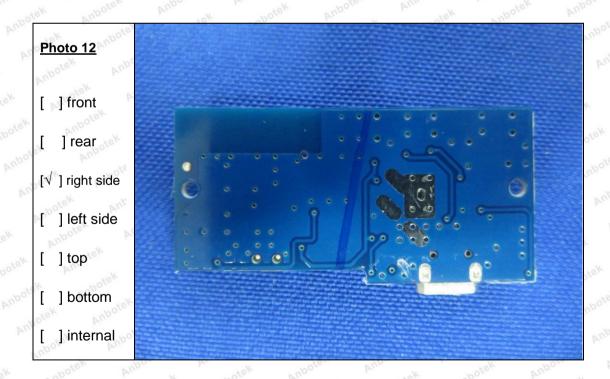


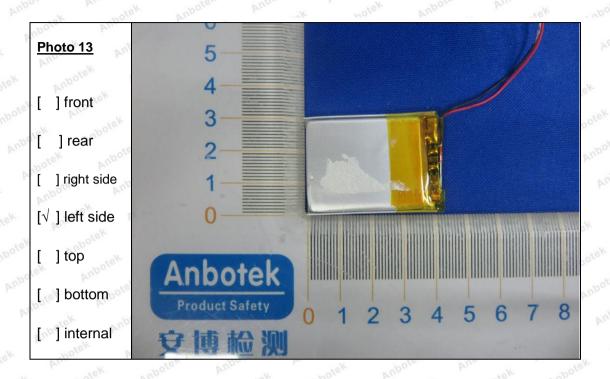












End of report