

Report No.: 18230SC00012201

## **Test Report**

Client Name : Azlan Logistics Limited

Redwood 2, Chineham Business Park, Crockford

Address : Lane, Basingstoke, Hampshire, RG24 8WQ, United

Kingdom

Product Name : ACTIVE BLUETOOTH CEILING SPEAKERS

Date : Jul. 27, 2020

Shenzhen Anbotek Compliance Laboratory Limited

Anbotek
Product Safety
\* Approved \*



## TEST REPORT IEC 62368-1

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

Report Number...... 18230SC00012201

Date of issue...... 2020-07-27

Total number of pages...... 51 Pages

Applicant's name...... Azlan Logistics Limited

Address...... Redwood 2, Chineham Business Park, Crockford Lane, Basingstoke,

Hampshire, RG24 8WQ, United Kingdom

Test specification:

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

Test procedure...... Type Test

Non-standard test method .....: N/A

#### General disclaimer:

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

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Taetina	nrocedure	and testing	location:
I CSIIII W	DIOCCUUIC	and testing	i iocalion.

Testing Laboratory: Shenzhen Anbotek Compliance Laboratory Limited

Testing location/ address...... 1/F, Building D, Sogood Science and Technology Park,

Sanwei community, Hangcheng Street, Bao'an District,

Shenzhen, Guangdong, China.518102

Tested by (name + signature)......: Yoli Peng ......

Approved by (name + signature) ..: Smile Tian

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Test Item description:	ACTIVE BLUETOOTH CEILING SPEAKERS			
Trade Mark:	VISION			
Manufacturer:	Azlan Logistics Limited Redwood 2, Chineham Business Park, Crockford Lane,Basingstoke, Hampshire, RG24 8WQ, United Kingdom			
Model/Type reference:	CS-1900P			
Ratings:	Input: 24V==3A, 60W Adapter Input: 100-240 VAC, 50/60Hz, 1.5A Max Adapter Output: 24V==3A			

#### Tests performed (name of test and test clause):

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

Electrical safety

IEC 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:

#### Copy of marking plate:

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

**ACTIVE BLUETOOTH CEILING SPEAKERS** 

VISION

Model: CS-1900P Input: 24V==3A, 60W



Manufacturer: Azlan Logistics Limited

Address: Redwood 2, Chineham Business Park, Crockford Lane, Basingstoke, Hampshire, RG24 8WQ, United Kingdom

(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:	100
Classification of use by	<ul> <li>☑ Ordinary person</li> <li>☑ Instructed person</li> <li>☑ Skilled person</li> <li>☑ Children likely to be present</li> <li>☐ AC Mains ☐ DC Mains</li> <li>☑ External Circuit - not Mains connected</li> </ul>
Anborek Anborek	- S ES1 SES2 ES3
Supply % Tolerance	☐ +10%/-10% ☐ +20%/-15% ☐ +%/% ☑ None (supplied by a 24VDC USB port)
Supply Connection – Type	<ul> <li>□ pluggable equipment type A -</li> <li>□ non-detachable supply cord</li> <li>□ appliance coupler</li> <li>□ direct plug-in</li> <li>□ mating connector</li> <li>□ pluggable equipment type B -</li> <li>□ non-detachable supply cord</li> <li>□ appliance coupler</li> <li>□ permanent connection</li> <li>□ mating connector</li> <li>☑ other: Not directly connected to mains</li> </ul>
Considered current rating of protective device as part of building or equipment installation:	N/A (Not directly connected to mains) Installation location:
Equipment mobility:	□ movable         □ hand-held         □ transportable         □ stationary         □ for building-in         □ direct plug-in         □ rack-mounting         □ wall-mounted
Over voltage category (OVC):	☐ OVC I ☐ OVC II ☐ OVC III ☐ OVC IV ☐ other:(Not directly connected to mains)
Class of equipment:	☐ Class II ☐ Class III
Access location	☐ restricted access location ☐ N/A
Pollution degree (PD)	□ PD 1 □ PD 2 □ PD 3
Manufacturer's specified maxium operating ambient:	35°C
IP protection class:	☑ IPX0
Power Systems:	☐ TN ☐ TT ☐ IT V L-L
Altitude during operation (m):	⊠ 2000 m or less □ m
Altitude of test laboratory (m):	☐ 2000 m or less  500_ m
Mass of equipment (kg)	☐ Approx. <7 kg





POSSIBLE TEST CASE VERDICTS:	Anbores Anbores Anbores
- test case does not apply to the test object:	N/A
- test object does meet the requirement:	P (Pass)
- test object does not meet the requirement:	F (Fail)
TESTING:	Lotek Anborek Anbe
Date of receipt of test item	2020-06-30
Date (s) of performance of tests:	From 2020-06-30 to 2020-07-14
GENERAL REMARKS:	Anbo Lak abotek Anbote Att
Throughout this report a ☐ comma / ☒ point is us  When differences exist; they shall be identified in the	Anbotek Anbotek Anbotek
Name and address of factory (ies)::	Azlan Logistics Limited Redwood 2, Chineham Business Park, Crockford Lane,Basingstoke, Hampshire, RG24 8WQ, United Kingdom
GENERAL PRODUCT INFORMATION:	
Product Description –  1. The earphone supplied by 24VDC USB port.	Anbotek Anbotek Anbotek Anbotek
Model Differences – N/A	ek Anbotek Anbotek Anbotek Anbotek
Additional application considerations – (Consideration The Maximum operating temperature is 35°C.	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.

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#### Electrically-caused injury (Clause 5):

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

classification)

Example: +5 V dc input ES1

Source of electrical energy	Corresponding classification (ES)
All internal circuits	ES1 nek Anbore And ak botek

#### Electrically-caused fire (Clause 6):

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

Example: Battery pack (maximum 85 watts): PS2

Source of power or PIS	Corresponding classification (PS)		
All Internal circuits	PS2		

#### Injury caused by hazardous substances (Clause 7)

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

Example: Liquid in filled component Glycol

Source of hazardous substances			Corresponding chemical			Pur	
N/A	Ar. stek	anboren	Anto	N/A	Air. Stek	anborer	Des

#### Mechanically-caused injury (Clause 8)

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

Source of kinetic/mechanical energy	Corresponding classification (MS)
Sharp edges and corners of accessible parts	MS1 And
Product mass	MS1 And

#### Thermal burn injury (Clause 9)

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

Example: Hand-held scanner – thermoplastic enclosure TS1

Source of thermal energy

Accessible parts

Corresponding classification (TS)

TS1

#### Radiation (Clause 10)

(Note: List the types of radiation present in the product and the corresponding energy source classification.) Example: DVD – Class 1 Laser Product RS1

Type of radiation	Corresponding classification (RS)	ur stek
LED, earphone	nbotek RS1000 k hotek Anbotes	Ann





Clause	Possible Hazard				
5.1	Electrically-caused injury				
Body Part	Energy Source		Safeguards		
(e.g. Ordinary)	(ES3: Primary Filter circuit)	Basic	Supplementar	Reinforce d (Enclosur e)	
Ordinary person, Instructed person, Skilled person	ES1: All Internal circuits	N/A	N/A	N/A	
6.1	Electrically-caused fire	-VL 140'	Divi	_ s-C	
Material part	Energy Source		Safeguards		
(e.g. mouse enclosure)	(PS2: 100 Watt circuit)	Basic	Supplementar y	Reinforce d	
7.1 Body Part (e.g., skilled) Ordinary person,	PS2: All Internal circuits  Injury caused by hazardous Energy Source (hazardous material)	For "N" and "A" conditions:  1, No ignition occurred.  2, No parts exceeding 90% of its spontaneou s ignition temperature .  substances  Basic  N/A	For "S" condition:  1, PCB is complied with V-0 material.  2, All other components: at least V-2 except for mounted on min. V-1 material or small parts of combustible material.  Safeguards  Supplementar y  N/A	Reinforce d N/A	
Skilled person	Anbotek Anbotek An	Doug WILL	botek Anbote	P.U.D.	
8.1	Mechanically-caused injury				
Body Part (e.g. Ordinary)	Energy Source (MS3: High Pressure		Safeguards		
(o.g. Crumury)	Lamp)	Basic	Supplementar y	Reinforce d (Enclosur e)	
Ordinary person, Skilled person	MS1: Sharp edges and corners of accessible parts	N/A	N/A	N/A	
Ordinary person, Skilled person	MS1: Product mass	N/A	N/A	N/A	

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#### Shenzhen Anbotek Compliance Laboratory Limited

Hotline 400-003-0500 www.anbotek.com



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9.1	Thermal Burn				
Body Part	Energy Source	Safeguards			
(e.g., Ordinary)	(TS2)	Basic	Supplementar y	Reinforce d	
Ordinary person, Skilled person	TS1: Accessible parts	N/A	N/A	N/A	
10.1	Radiation				
Body Part	Energy Source	Safeguards			
(e.g., Ordinary)	(Output from audio port)	Basic	Supplementar y	Reinforce d	
Ordinary person, Instructed person,	RS1: Sound Level	N/A	N/A	N/A	
Skilled person	ooter Ans	otek Anbo.	A. otek	Anbore	

#### 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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Clause	Anbotek	Requirement + 1	est	Result - Remark	Verdict

4	GENERAL REQUIREMENTS		Anbo'P
4.1.1	Acceptance of materials, components and subassemblies	upotek Aupotek Aupotek	MP Porto
4.1.2	Use of components	(See appended table 4.1.2)	P
4.1.3	Equipment design and construction	Anton Anbotek Anbo	Р
4.1.15	Markings and instructions	(See Annex F)	P
4.4.4	Safeguard robustness	lek Anbor All shotek	Anbore P
4.4.4.2	Steady force tests:	(See Annex T.4)	An Pres
4.4.4.3	Drop tests:	(See Annex T.7)	Phoo
4.4.4.4	Impact tests:	Anborek Anborer Anb	N/A
4.4.4.5	Internal accessible safeguard enclosure and barrier tests:	No such enclosure and barrier	N/A
4.4.4.6	Glass Impact tests	No glass used	N/A
4.4.4.7	Thermoplastic material tests:	(See Annex T.8)	Aupbles
4.4.4.8	Air comprising a safeguard:	Considered, but no such barrier or enclosure provided	N/A
4.4.4.9	Accessibility and safeguard effectiveness	All safeguards remain effective	P
4.5	Explosion	Vupos Viv	Р
4.6	Fixing of conductors	k Anbore A hotek	unbote P
4.6.1	Fix conductors not to defeat a safeguard	lotek Anbote Ame hotek	AnbPer
4.6.2	10 N force test applied to:	10 N force test applied to internal wires	ARDON
4.7	Equipment for direct insertion into mains socket - outlets	No such apparatus	N/A
4.7.2	Mains plug part complies with the relevant standard:	Anbotek Anbotek	N/A
4.7.3	Torque (Nm)	orek Anba sek aborek	N/A
4.8	Products containing coin/button cell batteries	No coin/button cell batteries used	N/A
4.8.2	Instructional safeguard	unbotek Anbout Anbotel	N/A
4.8.3	Battery Compartment Construction	unbotek Anbo, W.	N/A
Anbotek	Means to reduce the possibility of children removing the battery:	Anbotek Anbotek An	_
4.8.4	Battery Compartment Mechanical Tests:	yek Aupo. Per apotek	N/A
4.8.5	Battery Accessibility	thotek Anbor Ak hotek	N/A
4.9	Likelihood of fire or shock due to entry of conductive object:	(See Annex P)	Panbo



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IEC 62368-1		
Clause Requirement + Test Result - Re	emark Verdi	ct

5	ELECTRICALLY-CAUSED INJURY		Anbois
5.2.1	Electrical energy source classifications:	(See appended table 5.2)	An Porek
5.2.2	ES1, ES2 and ES3 limits	" upotek Aupote And work	R <sub>nbo</sub>
5.2.2.2	Steady-state voltage and current:	(See appended table 5.2)	ek P AT
5.2.2.3	Capacitance limits:	Anboiek Anboiek Anbo	N/A
5.2.2.4	Single pulse limits:	No single pulse introduced	N/A
5.2.2.5	Limits for repetitive pulses:	No repetitive pulses introduced	N/A
5.2.2.6	Ringing signals:	No means for connection to telephone network and no ringing signal generated	N/A
5.2.2.7	Audio signals:	Anbo	P
5.3	Protection against electrical energy sources	All internal circuits considered ES1	N/A
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons	otek Anbotek Anbotek	N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	Anbotek Anbotek Anbotek	N/A
5.3.2.2	Contact requirements	Anbotek Anbo Lek abote	N/A
nbotek	a) Test with test probe from Annex V:	unbotek Anbour An	ote <sup>N</sup> N/A
nbotek	b) Electric strength test potential (V):	k upolek Yupo, yk	N/A
abotek	c) Air gap (mm):	tek abotek Anbote	N/A
5.3.2.4	Terminals for connecting stripped wire	ok abotek Anbote	N/A
5.4	Insulation materials and requirements	Anbotek Anbotek	N/A
5.4.1.2	Properties of insulating material	Anbore Anbore	N/A
5.4.1.3	Humidity conditioning:	Anbore And Motek Anb	N/A
5.4.1.4	Maximum operating temperature for insulating materials	Anbotek Anbotek	N/A
5.4.1.5	Pollution degree:	ok hotek Anboten	
5.4.1.5.2	Test for pollution degree 1 environment and for an insulating compound	inbotek Anbotek Anbotek	N/A
5.4.1.5.3	Thermal cycling	abotek Anbote Anti-	
5.4.1.6	Insulation in transformers with varying dimensions	Anbores Anbores	N/A
5.4.1.7	Insulation in circuits generating starting pulses	ok hotek Anbotes As	N/A
5.4.1.8	Determination of working voltage	ok hotek Anboter	N/A
5.4.1.9	Insulating surfaces	abore Annotek Anborek	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	Anborek Anborek Anborek	N/A
5.4.1.10.2	Vicat softening temperature:	And Anbotes Anbo	N/A



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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
p. notek	Anbore Arman Anbor	atek Anboros A	to stak
5.4.1.10.3	Ball pressure:	tek upotek	N/A
5.4.2	Clearances	upotek Ando	N/A
5.4.2.2	Determining clearance using peak working voltage	Anbotek Anbo. Anborek	N/A
5.4.2.3	Determining clearance using required withstand voltage	Anbotek Anbotek Anbo	N/A
Anbe	a) a.c. mains transient voltage:	Anbo tek anbotek Ar	_
Aupo	b) d.c. mains transient voltage:	er Anbe	_
Anbor	c) external circuit transient voltage:	botek Anbo ok botek	_
Sk Vup	d) transient voltage determined by measurement:	anborek Anbore ak horek	_
5.4.2.4	Determining the adequacy of a clearance using an electric strength test	Anbotek Anbotek Anbot	N/A
5.4.2.5	Multiplication factors for clearances and test voltages:	ek Anbotek Anbotek An	N/A
5.4.3	Creepage distances:	notek Amboren Ambo	N/A
5.4.3.1	General	sotek Anbotek Anbo	N/A
5.4.3.3	Material Group:	And otek Anbotek Anbo	
5.4.4	Solid insulation	And tek anbotek Anbo	N/A
5.4.4.2	Minimum distance through insulation:	Anti-	N/A
5.4.4.3	Insulation compound forming solid insulation	Anbe tek potek	N/A
5.4.4.4	Solid insulation in semiconductor devices	otek Anbo ok botek	N/A
5.4.4.5	Cemented joints	abotek Anbot Ak motek	N/A
5.4.4.6	Thin sheet material	abotek Anbote Ambote	N/A
5.4.4.6.1	General requirements	botek Ambore And	N/A
5.4.4.6.2	Separable thin sheet material	k hotek Anbore And	N/A
And	Number of layers (pcs):	k hotek anbotes p	N/A
5.4.4.6.3	Non-separable thin sheet material	ores Aribotek	N/A
5.4.4.6.4	Standard test procedure for non-separable thin sheet material:	hotek Anbotek Anbotek	N/A
5.4.4.6.5	Mandrel test	Anbores Anbores	N/A
5.4.4.7	Solid insulation in wound components	And Anbotek Anbo	N/A
5.4.4.9	Solid insulation at frequencies >30 kHz:	Anto nek Anbotek A	N/A
5.4.5	Antenna terminal insulation	No such terminal	N/A
5.4.5.1	General	potek Aupo bek apotek	N/A
5.4.5.2	Voltage surge test	Anbotek Anbor An notek	N/A
notek	Insulation resistance (M $\Omega$ ):	hotek Anbote Anb	





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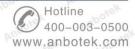
01	work Agron All - sok stocker	pant Die is Disorter Anto	
Clause	Requirement + Test	Result - Remark	Verdict
5.4.6	Insulation of internal wire as part of	tek Aupotek Yugo	N/A
Anbote	supplementary safeguard:	hotek Anbotek Anbo	anboiek .
5.4.7	Tests for semiconductor components and for cemented joints	Anbotek Anbotek Anbotek	N/A
5.4.8	Humidity conditioning	Anbores And otek Anbo	N/A
Anboter	Relative humidity (%)	Anboten Ann stek	
Anborell	Temperature (°C):	ek Anbotek Anbo	_
Anbore	Duration (h):	hotek Anbotek Anbo	_
5.4.9	Electric strength test:	notek Aupotek Aupon	N/A
5.4.9.1	Test procedure for a solid insulation type test	Anbotek Anbotek Anbo	N/A
5.4.9.2	Test procedure for routine tests	Anboatek Anboatek Anboa	N/A
5.4.10	Protection against transient voltages between external circuit	No transient voltage from external circuit	N/A
5.4.10.1	Parts and circuits separated from external circuits	otek Anbotek Anbo	N/A
5.4.10.2	Test methods	otek Anborek Anbore	N/A
5.4.10.2.1	General	Anbotek Anbotek Anbot	N/A
5.4.10.2.2	Impulse test:	Anbo tek anbotek Anbot	N/A
5.4.10.2.3	Steady-state test:	Anbe tek nbotek Anh	N/A
5.4.11	Insulation between external circuits and earthed circuitry:	No such external circuit	N/A
5.4.11.1	Exceptions to separation between external circuits and earth	unbotek Anbotek Anbotek	N/A
5.4.11.2	Requirements	Anboren Anbo	N/A
hotek	Rated operating voltage U <sub>op</sub> (V)	Anborek Anbo	_
anbotek	Nominal voltage U <sub>peak</sub> (V):	k Anbotek Anbo. Ak	
Anbotek	Max increase due to variation U <sub>sp</sub> :	rek supotek Aupor	
anbore	Max increase due to ageing ΔUsa:	otek unbotek Anbore	_
ek at	U <sub>op</sub> = U <sub>peak</sub> + Δ U <sub>sp</sub> + ΔU <sub>sa</sub> :	upo sek supotek Aupose	_
5.5	Components as safeguards	Anton Anborek Anbores	V. Por
5.5.1	General	Vupo, by apolek Vupo	N/A
5.5.2	Capacitors and RC units	Aupon Min Potek W	N/A
5.5.2.1	General requirement	tek Aupon Auponek	N/A
5.5.2.2	Safeguards against capacitor discharge after disconnection of a connector	botek Anbotek Anbotek	N/A
5.5.3	Transformers	Anbor Anborok	N/A
5.5.4	Optocouplers	Aupon Mark Vulpo	N/A





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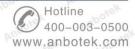
boter	IEC 62368-1	And And	yek p
Clause	Requirement + Test	Result - Remark	Verdict
- Enbotek	Anbore Antonek Anborek Anborek	tek Anbotek Anbot A	NI/A
5.5.5	Relays	sten anbotek anbore	N/A
5.5.6	Resistors	190. W. Work Wallots	N/A
5.5.7	SPD's	Anbore Anboren	N/A
5.5.7.1	Use of an SPD connected to reliable earthing	Aupore William Wilde	N/A
5.5.7.2	Use of an SPD between mains and protective earth	Anbotek Anbotek Ar	N/A
5.5.8	Insulation between the mains and external circuit consisting of a coaxial cable:	otek Anbotek Anbotek	N/A
5.6	Protective conductor	up otek Vupotek Vupo.	N/A
5.6.2	Requirement for protective conductors	Class III equipment	N/A
5.6.2.1	General requirements	Vupo, boyek Vupo,	N/A
5.6.2.2	Colour of insulation	Anbor An Hotek An	N/A
5.6.3	Requirement for protective earthing conductors	ak Anbo k hin hotek	N/A
Anboro	Protective earthing conductor size (mm²)	ootek Anbores Ann	_
5.6.4	Requirement for protective bonding conductors	sbotek Anbores Arrivatek	N/A
5.6.4.1	Protective bonding conductors	hotek Anbores Aris	N/A
hotek	Protective bonding conductor size (mm²):	hotek Anbores Anb	_
5.6.4.2	Protective current rating (A):	k hotek Anbotes Ant	_
5.6.4.3	Current limiting and overcurrent protective devices	otek Anbotek Anbotek	N/A
5.6.5	Terminals for protective conductors	botek Anbotes Anno stek	N/A
5.6.5.1	Requirement	horek Anborek Anbo	N/A
nbotek	Conductor size (mm²), nominal thread diameter (mm).	Anbotek Anbotek Anbu	N/A
5.6.5.2	Corrosion	k Aupoten Aribo	N/A
5.6.6	Resistance of the protective system	otek Anborek Anbo	N/A
5.6.6.1	Requirements	wotek Anbotek Anbo	N/A
5.6.6.2	Test Method Resistance (Ω)	ntek Anbotek Anbot	N/A
5.6.7	Reliable earthing	Anborek Anborek Anbore	N/A
5.7	Prospective touch voltage, touch current and prote	ctive conductor current	N/A
5.7.2	Measuring devices and networks	Anbo. tek abotek A	N/A
5.7.2.1	Measurement of touch current	tek Anbor An abotek	N/A
5.7.2.2	Measurement of prospective touch voltage	botek Anbor All	N/A
5.7.3	Equipment set-up, supply connections and earth connections	Anbotek Anbotek Anbotek	N/A
anbotek	System of interconnected equipment (separate connections/single connection)	Anbotek Anbotek Anbo	_





	IEC 62368-	1 Anbotek Anboten Anb	
Clause	Requirement + Test	Result - Remark	Verdict
p. atek	Auporen Aug ak sporek Aupor	atek Autore P	"Les
	Multiple connections to mains (one connection a a time/simultaneous connections)		_
5.7.4	Earthed conductive accessible parts	by Park Aupotek Aupo	N/A
5.7.5	Protective conductor current	And otek Anbotek Anbo	N/A
ip. otek	Supply Voltage (V)	And otek Anbotek Anbo	_
Anbo	Measured current (mA)	te Anto tek anbotek A	·
Aupo	Instructional Safeguard	potek Anbo	N/A
5.7.6	Prospective touch voltage and touch current due to external circuits	Anbotek Anbotek Anbotek	N/A
5.7.6.1	Touch current from coaxial cables	And Otek Anbotek Anbo	N/A
5.7.6.2	Prospective touch voltage and touch current from external circuits	n Anbotek Anbotek Anbo	N/A
5.7.7	Summation of touch currents from external circuits	No such external circuits	N/A
k Aup	a) Equipment with earthed external circuits Measured current (mA)	Anbotek Anbotek Anbotek	N/A
otek A	b) Equipment whose external circuits are not referenced to earth. Measured current (mA)	Anbotek Anbote Anbot	N/A

6	ELECTRICALLY- CAUSED FIRE		nbote P
6.2	Classification of power sources (PS) and potential ig	gnition sources (PIS)	anb Pek
6.2.2	Power source circuit classifications	botek Anbotes Anb	Photek
6.2.2.1	General	Anboten Anboten	Pabot
6.2.2.2	Power measurement for worst-case load fault:	(See appended table 6.2.2)	ek P
6.2.2.3	Power measurement for worst-case power source fault:	(See appended table 6.2.2)	nbotelP
6.2.2.4	PS1:	otek Anbore Ann otek	N/A
6.2.2.5	PS2:	(See appended table 6.2.2)	Borek
6.2.2.6	PS3:	motek Anbotes Anbo	N/A
6.2.3	Classification of potential ignition sources	And Anbotek Anbotek	N/A
6.2.3.1	Arcing PIS:	And otek Anbotek Anb	N/A
6.2.3.2	Resistive PIS:	Ante stek anbotek A	N/A
6.3	Safeguards against fire under normal operating and	abnormal operating conditions	Anbole K
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)	Ar Police Anborel
6.3.1 (b)	Combustible materials outside fire enclosure	Anbore And otek Anbo	N/A
6.4	Safeguards against fire under single fault conditions	Anbore, And	ootek P p





	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
Att.	Anboran Ariba ok shorek Anbara	w nitek Anboras A	"Ho
6.4.1	Safeguard Method	Method of Reduction of the likelihood of ignition under single fault conditions and control fire spread used	Anborel Anborel
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	Anbotek Anbotek Anbo	N/A
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits	ek Anbotek Anbotek Ar	bote P
6.4.3.1	General	stek abotek Anbot	Prek
6.4.3.2	Supplementary Safeguards	o ak spotek Anbore	P
otek b	Special conditions if conductors on printed boards are opened or peeled	Anbotek Anbotek Anbote	N/A
6.4.3.3	Single Fault Conditions	Anbotek Anbo. An	N/A
abotek	Special conditions for temperature limited by fuse	ek upotek Anbor Ak	N/A
6.4.4	Control of fire spread in PS1 circuits	tek abotek Anbote	N/A
6.4.5	Control of fire spread in PS2 circuits	oo Anbotek Anbote	P
6.4.5.2	Supplementary safeguards:	PCB: V-0	Р
6.4.6	Control of fire spread in PS3 circuit	Anboth An hotek Anboth	N/A
6.4.7	Separation of combustible materials from a PIS	Ambore Ame	N/A
6.4.7.1	General:	k Anbores And	N/A
6.4.7.2	Separation by distance	otek Anboten Anto otek	N/A
6.4.7.3	Separation by a fire barrier	notek Anbotek Anbo	N/A
6.4.8	Fire enclosures and fire barriers	and Anbotek Anbo	Р
6.4.8.1	Fire enclosure and fire barrier material properties	And stek Anbotek Anbot	P
6.4.8.2.1	Requirements for a fire barrier	No such barrier used.	N/A
6.4.8.2.2	Requirements for a fire enclosure	Anbo sek abotek	nbore P
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	otek Anbotek Anbotek	N/A
6.4.8.3.1	Fire enclosure and fire barrier openings	No openings on the fire enclosure.	N/A
6.4.8.3.2	Fire barrier dimensions	Anborek Anbore	N/A
6.4.8.3.3	Top Openings in Fire Enclosure: dimensions (mm)	Anbotek Anbotek Anb	N/A
upojek	Needle Flame test	tek Anbotek Anbo. Ak	N/A
6.4.8.3.4	Bottom Openings in Fire Enclosure, condition met a), b) and/or c) dimensions (mm)	botek Anbotek Anbotek	N/A
ek Wu	Flammability tests for the bottom of a fire enclosure	Anbotek Anbotek Anbotek	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
atek.	Aupoter Aupoter Aupoter	niek Modern A	line.
6.4.8.3.5	Integrity of the fire enclosure, condition met: a), b) or c)	hotek Anbotek Anbotek	N/A
6.4.8.4	Separation of PIS from fire enclosure and fire barrier distance (mm) or flammability rating	Anbotek Anbotek Anbotek	N/A
6.5	Internal and external wiring	Anbores Ano	ek P Anb
6.5.1	Requirements	Anbores Anbo	pote <sup>k</sup> P
6.5.2	Cross-sectional area (mm²)	(See appended table 4.1.2)	_
6.5.3	Requirements for interconnection to building wiring:	botek Anbotek Anbotek	N/A
6.6	Safeguards against fire due to connection to additional equipment	Anbotek Ambotek Anbotek	N/A
Anbotek	External port limited to PS2 or complies with Clause Q.1	Anbotek Anbotek An	N/A

7	INJURY CAUSED BY HAZARDOUS SUBSTANC	CES	Ant Piek
7.2	Reduction of exposure to hazardous substances	No such hazardous substances	N/A
7.3	Ozone exposure	No ozone production	N/A
7.4	Use of personal safeguards (PPE)	Anbotek Anbotek	N/A
abotek	Personal safeguards and instructions:	k nbotek Anbote An	_
7.5	Use of instructional safeguards and instructions	stek obotek Anbois	N/A
/r ~/r	Instructional safeguard (ISO 7010):	o botek Anboro	_
7.6	Batteries:	Tupos botek Vupoter	N/A

8	MECHANICALLY-CAUSED INJURY		P Am
8.1	General Management of the Control of	k Wupor W. Potok	nbotek P
8.2	Mechanical energy source classifications	otek Anbore K Ans	anbopak
8.3	Safeguards against mechanical energy sources	obotek Anbotes And otek	Rotek
8.4	Safeguards against parts with sharp edges and corners	Anbotek Anbotek Anbote	P Anbote
8.4.1	Safeguards	MS1 classification	N/A
8.5	Safeguards against moving parts	Anbor K wotek	N/A
8.5.1	MS2 or MS3 part required to be accessible for the function of the equipment	tek Anbore Anborek	N/A
8.5.2	Instructional Safeguard:	ipo, W. Polek Vupole	_
8.5.4	Special categories of equipment comprising moving parts	Anbotek Anbotek Anbotek	N/A
8.5.4.1	Large data storage equipment	aborek Anbor K	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
8.5.4.2	Equipment having electromechanical device for	tek Anbotek Anbo	N/A
J.J.4.Z	destruction of media	hotek Anbotek Anbo.	k nbotel
8.5.4.2.1	Safeguards and Safety Interlocks	Anbotek Anbotek Anbo	N/A
8.5.4.2.2	Instructional safeguards against moving parts	And otek anbotek Ant	N/A
ov stek	Instructional Safeguard	Anto nek anbotek	Tupo —
8.5.4.2.3	Disconnection from the supply	Anbo stek anbotek	N/A
8.5.4.2.4	Probe type and force (N):	potek Auto. tek pupotek	N/A
8.5.5	High Pressure Lamps	Arbotel Ando sek abote	N/A
8.5.5.1	Energy Source Classification	Anbotek Anbo. Anbo.	N/A
8.5.5.2	High Pressure Lamp Explosion Test:	unbotek Anbos An	N/A
8.6	Stability	Mass < 7kg	N/A
3.6.1	Product classification	MS1	N/A
nbotek	Instructional Safeguard	tek anbotek Anbote	_
8.6.2	Static stability	Anborek Anbores	N/A
8.6.2.2	Static stability test	Anbou Anborek Anbo	N/A
0,5 by	Applied Force	Anbor ak abotek Al	hbott
8.6.2.3	Downward Force Test	K Anbore Amborek	N/A
8.6.3	Relocation stability test	other Anbounds Andrew	N/A
Anbore	Unit configuration during 10° tilt	ohořek Anbore Am hořek	_
3.6.4 × 5000	Glass slide test	obotek Anbois An	N/A
3.6.5	Horizontal force test (Applied Force)	abotek Anbotes Ano	N/A
bojek	Position of feet or movable parts	abotek Anboten Ar	_
8.7 motel <sup>k</sup>	Equipment mounted to wall or ceiling	Anboiek Anboiek	N/A
8.7.1	Mounting Means (Length of screws (mm) and mounting surface)	totek Anbotek Anbotek	N/A
3.7.2 ×0000	Direction and applied force	upotek Anbore Ak hot	N/A
3.8	Handles strength	obotek Anbots An	N/A
3.8.1	Classification	apolek Auporan Au	N/A
3.8.2	Applied Force	ek abotek Anbotes	N/A
3.9	Wheels or casters attachment requirements	lok spotek Anbotes	N/A
3.9.1	Classification	bor Anhotek Anbotek	N/A
8.9.2	Applied force	pipote Am notek Ambote	_
3.10	Carts, stands and similar carriers	Anbores Antek Antek	N/A
3.10.1	General	Anbores Anbo	N/A
8.10.2	Marking and instructions	ek anboyen Anbo	N/A





Oyle, Dil	Page 18 o	f 51 Report No. 18230SC	00012201
botek	IEC 62368-1	Anbotek Anboten Anbo	otek ant
Clause	Requirement + Test	Result - Remark	Verdict
All otek	Anboroa Anba ak shorek Anbara	by otek vupoles, by	ling.
Anbo	Instructional Safeguard:	ten Anbotek	
8.10.3	Cart, stand or carrier loading test and compliance	horek Anbo tek nbotek	N/A
yek An	Applied force	Anbotek Anbo tek hotek	_
8.10.4	Cart, stand or carrier impact test	Anborek Anbo ek abo	N/A M
8.10.5	Mechanical stability	Vupotek Vupon Vi	N/A
Anbotek	Applied horizontal force (N)	ek nobotek Anbote A	_
8.10.6	Thermoplastic temperature stability (°C)	otek Anbotek Anbotek	N/A
8.11	Mounting means for rack mounted equipment	tek spotek Anboy	N/A
8.11.1	General	Anborek Anbore	N/A
8.11.2	Product Classification	Anbo	N/A
8.11.3	Mechanical strength test, variable N	Anbor ok hotek An	N/A
8.11.4	Mechanical strength test 250N, including end stops	ek Anbol k hotek	N/A
8.12	Telescoping or rod antennas	ootek Anbores Ann	N/A
ok no	Button/Ball diameter (mm)	otek Anbores Anbo	_

9	THERMAL BURN INJURY		Р
9.2	Thermal energy source classifications	TS1: accessible parts	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

Laser radiation that exists equipment:  Normal, abnormal, single-fault:  Instructional safeguard:  Tool:  10.4 Protection against visible, infrared, and UV radiation  P  General  P	10	RADIATION		hotelP
10.3 Protection against laser radiation No laser radiation N/A  Laser radiation that exists equipment:  Normal, abnormal, single-fault	10.2	Radiation energy source classification	sek upotek Anbor	PK
Laser radiation that exists equipment:  Normal, abnormal, single-fault:  Instructional safeguard:  Tool:  10.4 Protection against visible, infrared, and UV radiation  Percentage of the protection against visible infrared and UV radiation  Percentage of the protection against visible infrared and UV radiation  Percentage of the protection against visible infrared and UV radiation  Percentage of the protection against visible infrared and UV radiation	10.2.1	General classification	RS1	Potek
Normal, abnormal, single-fault:  Instructional safeguard:  Tool:  10.4 Protection against visible, infrared, and UV radiation  Percentage of the protection against visible infrared and UV radiation  Percentage of the protection against visible infrared and UV radiation  Percentage of the protection against visible infrared and UV radiation  Percentage of the protection against visible infrared and UV radiation Percentage of the protection against visible infrared and UV radiation Percentage of the protection against visible infrared and UV radiation Percentage of the protection against visible infrared and UV radiation Percentage of the protection against visible infrared in the protection against visible in the protec	10.3	Protection against laser radiation	No laser radiation	N/A
Instructional safeguard:  Tool:  10.4 Protection against visible, infrared, and UV radiation  Percentage of the protection against visible infrared, and UV Pradiation  Percentage of the protection against visible infrared in the protection against visible in the protection against vis	Die Die	Laser radiation that exists equipment:	Anbor Anborek Anbore	_
Tool: —  10.4 Protection against visible, infrared, and UV radiation P  10.4.1 General P	upo,	Normal, abnormal, single-fault:	Anbolt Anbo	N/A
10.4 Protection against visible, infrared, and UV radiation P  10.4.1 General P	Anbore	Instructional safeguard:	Aupores Aug Cotek M.	_
radiation P	Anbore	Tool	tek Anbore Ann otek	
The plan is a set of the party	10.4		botek Anbotek Anbotek	An Botek
10.4.1.a) RS3 for Ordinary and instructed persons: N/A	10.4.1	General	Anbore Anbores Anbores	P
	10.4.1.a)	RS3 for Ordinary and instructed persons:	Anbo, K wotek Anbo	N/A





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
botek	Anbore And	and Andrew Andrew A	-orak
10.4.1.b)	RS3 accessible to a skilled person	All Anbotek	N/A
k Anbe	Personal safeguard (PPE) instructional safeguard	abotek Ambotek Ambotek	_
10.4.1.c)	Equipment visible, IR, UV does not exceed RS1.:	And Anbotek Anbo	N/A
10.4.1.d)	Normal, abnormal, single-fault conditions:	And stek anbotek Anbo	N/A
10.4.1.e)	Enclosure material employed as safeguard is opaque	rek Anbotek Anbotek Ar	N/A
10.4.1.f)	UV attenuation	otek Anbotek Anbo	N/A
I0.4.1.g)	Materials resistant to degradation UV	stek Anbotek Anbo	N/A
10.4.1.h)	Enclosure containment of optical radiation:	Anborek Anborek	N/A
10.4.1.i)	Exempt Group under normal operating conditions:	Anbotek Anbotek Anbot	N/A
10.4.2	Instructional safeguard	ek Anbotek Anbo.	N/A
10.5	Protection against x-radiation	otek Anbotek Anbo	N/A
0.5.1	X- radiation energy source that exists equipment:	tek abotek Anbota	N/A
ok al	Normal, abnormal, single fault conditions	Anbor	N/A
er Br	Equipment safeguards:	Arbor ak hotek Arbor	N/A
por	Instructional safeguard for skilled person:	Anbort Ant work Ant	N/A
0.5.3	Most unfavourable supply voltage to give maximum radiation:	kek Anbotek Anbotek	_
-pote	Abnormal and single-fault condition:	ok shotek Anbore	N/A
rk h	Maximum radiation (pA/kg):	unboth Ath hotek Ambotes	N/A
0.6	Protection against acoustic energy sources	Anbors K Anbore	N/A
0.6.1	General	Anbore Ant Ant	N/A
0.6.2	Classification	Anbore Amb	N/A
Anborer	Acoustic output, dB(A):	otek Anbotes Anb	N/A
Anbore	Output voltage, unweighted r.m.s:	notek Anbotek Anbo	N/A
0.6.4	Protection of persons	no otek Anbotek Anbo	N/A
atek .	Instructional safeguards:	Anbotek Anbotek Anbote	N/A
inbotek	Equipment safeguard prevent ordinary person to RS2:	Anbotek Anbotek Anbo	_
Anbotek	Means to actively inform user of increase sound pressure:	tek Anbotek Anbotek	_
Anbe	Equipment safeguard prevent ordinary person to RS2:	abotek Anbotek Anbotek	_
0.6.5	Requirements for listening devices (headphones, earphones, etc.)	Anbotek Anbotek Anb	N/A

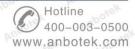




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hotek	IEC 62368-1	151 Keport No. 182305C	rek out
Clause	Requirement + Test	Result - Remark	Verdict
Atok	Anboron Ariba ok sporek Anboro	Wholey Wholey	No.
10.6.5.1	Corded passive listening devices with analog input	hotek Anbotek Anbotek	N/A
tek Anb	Input voltage with 94 dB(A) L <sub>Aeq</sub> acoustic pressure output:	Anbotek Anbotek Anbotek	_
10.6.5.2	Corded listening devices with digital input	Anbore And stek anbo	N/A
Anbotel	Maximum dB(A):	Anboten Anbo	
10.6.5.3	Cordless listening device	iek Anbotel Anti-	N/A
anbotek	Maximum dB(A):	Josek Anbotek Anbo	_

В	NORMAL OPERATING CONDITION TESTS, ABI CONDITION TESTS AND SINGLE FAULT COND		P Anbo
B.2	Normal Operating Conditions	Anbore And tek	potek P At
B.2.1	General requirements:	(See summary of testing & appended test tables)	Anbote P
ek Anbo	Audio Amplifiers and equipment with audio amplifiers:	obotek Anbotek Anbotek	Anbotek Anbotek
B.2.3	Supply voltage and tolerances	(See appended table B.2.5)	K Panbo
B.2.5	Input test:	(See appended table B.2.5)	P P
B.3	Simulated abnormal operating conditions	k hotek Anbotek An	Р
B.3.1	General requirements:	And otek Anbotek	Anbo P
B.3.2	Covering of ventilation openings	ore And tek	N/A
B.3.3	D.C. mains polarity test	anbotes Anti-	N/A
B.3.4	Setting of voltage selector	No such voltage selector.	N/A
B.3.5	Maximum load at output terminals:	No such terminals	MA MA
B.3.6	Reverse battery polarity	No battery replaced by ordinary person	N/A
B.3.7	Abnormal operating conditions as specified in Clause E.2.	brek Anbotek Anbotek	N/A
B.3.8	Safeguards functional during and after abnormal operating conditions	Anbotek Anbotek Anbote	N/A
B.4	Simulated single fault conditions	Anboret And otek Anb	otek P Anb
B.4.2	Temperature controlling device open or short-circuited:	Anborek Anborek A	N/A
B.4.3	Motor tests	ak hotek Anbotes	N/A
B.4.3.1	Motor blocked or rotor locked increasing the internal ambient temperature:	anbotek Anbotek Anbotek	N/A
B.4.4	Short circuit of functional insulation	abotek Anboro Anb	ek P anb
B.4.4.1	Short circuit of clearances for functional insulation	(See appended table B.4)	»e⊬ P





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ore pri	Page 21 o	f 51 Report No. 18230SC	00012201
Clause	Requirement + Test	Result - Remark	Verdict
An	anborek Aribo ok sporek Anbore	Augolek Vupolek V	100 calk
B.4.4.2	Short circuit of creepage distances for functional insulation	(See appended table B.4)	Anborek
B.4.4.3	Short circuit of functional insulation on coated printed boards	Anbotek Anbotek Anbotek	N/A
B.4.5	Short circuit and interruption of electrodes in tubes and semiconductors	(See appended table B.4)	er P Ant
B.4.6	Short circuit or disconnect of passive components	(See appended table B.4)	P
B.4.7	Continuous operation of components	Arthur Anbotes	N/A
B.4.8	Class 1 and Class 2 energy sources within limits during and after single fault conditions	botek Ambotek Anbotek	Anbore Anbore
B.4.9	Battery charging under single fault conditions:	hotek Anbores And	N/A

С	UV RADIATION		N/A
C.1	Protection of materials in equipment from UV radiation	No UV radiation within the EUT.	N/A
C.1.2	Requirements	hotek Anboter And stek	N/A
C.1.3	Test method	Anbotek Anbotek Anbo	N/A
C.2	UV light conditioning test	Ans otek Anbotek Anbo	N/A
C.2.1	Test apparatus	And otek anbotek Ani	N/A
C.2.2	Mounting of test samples	Anti-	N/A
C.2.3	Carbon-arc light-exposure apparatus	lotek Anber ek abotek	N/A
C.2.4	Xenon-arc light exposure apparatus	nbotek Anbor Anbotek	N/A

D	TEST GENERATORS	N/A
D.1	Impulse test generators	N/A
D.2	Antenna interface test generator	N/A
D.3	Electronic pulse generator	N/A

E	TEST CONDITIONS FOR EQUIPMENT CONTAINING AUDIO AMPLIFIERS		Panbols
E.1	Audio amplifier normal operating conditions	(See appended table B.2.5)	otek P Anbi
Anbotek	Audio signal voltage (V)	Anborek Anbor An	_
abotek	Rated load impedance (Ω):	tek popotek Aupon	
E.2	Audio amplifier abnormal operating conditions	tek abotek Anbote	Prek

F	EQUIPMENT MARKINGS, INSTRUCTIONS, AND INSTRUCTIONAL SAFEGUARDS	P
F.1	General requirements	P And





F.3.5.5

F.3.6

F.3.6.1

F.3.6.1.1

F.3.6.1.2

F.3.6.1.3

F.3.6.2

F.3.6.2.1

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
PU. PIEK	Anborok Anbo	August Augustus V	to.
And	Instructions – Language:	English checked	_
F.2	Letter symbols and graphical symbols	hbotek Anbo	PLE BOLL
F.2.1	Letter symbols according to IEC60027-1	Anbotek Anbo	Rabo
F.2.2	Graphic symbols IEC, ISO or manufacturer specific	Anbotek Anbotek Anbo	ek P A
F.3	Equipment markings	Anb tek anbotek Ar	P
F.3.1	Equipment marking locations	Located on the external enclosure surface	Anbore P
F.3.2	Equipment identification markings	otek Anbotek Anbo	P
F.3.2.1	Manufacturer identification	See label	_
F.3.2.2	Model identification:	Anti-	_
F.3.3	Equipment rating markings	Provided.	Р
F.3.3.1	Equipment with direct connection to mains	rek Anbo	N/A
F.3.3.2	Equipment without direct connection to mains	potek Anbour	Ante
F.3.3.3	Nature of supply voltage	See label	_
F.3.3.4	Rated voltage	See label	
F.3.3.4	Rated frequency	abotek Anbot An	
F.3.3.6	Rated current or rated power:	See label	_
F.3.3.7	Equipment with multiple supply connections	No multiple supply connection.	N/A
F.3.4	Voltage setting device	No such device.	N/A
F.3.5	Terminals and operating devices	Inboth Anbotek Anbotek	N/A
F.3.5.1	Mains appliance outlet and socket-outlet markings:	No mains appliance outlet.	N/A
F.3.5.2	Switch position identification marking:	Not such switch.	N/A
F.3.5.3	Replacement fuse identification and rating markings	stek Anbotek Anbotek	N/A
F.3.5.4	Replacement battery identification marking:	-botek Anboy Artok	N/A

#### Shenzhen Anbotek Compliance Laboratory Limited

Terminal marking location

Neutral conductor terminal

classification

Class I Equipment

Equipment markings related to equipment

Protective earthing conductor terminal

Protective bonding conductor terminals

Class II equipment (IEC60417-5172)

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Class II equipment with or without functional earth



ote. bu	Page 23 o	of 51 Report No. 18230SC	00012201
	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
An otek	Auporen Aupon	All Stek Anbolek A	los cak
F.3.6.2.2	Class II equipment with functional earth terminal marking	hotek Anbotek Anbotek	N/A
F.3.7	Equipment IP rating marking	IPX0	_
F.3.8	External power supply output marking	And Anbotek Anbo	N/A
F.3.9	Durability, legibility and permanence of marking	And otek Anbotek Anbo	P
F.3.10	Test for permanence of markings	Anbotek abotek Ar	P.
F.4	Instructions	otek Anbo tek	Anbore P
anbo,	a) Equipment for use in locations where children not likely to be present - marking	potek Anbotek Anbotek	N/A
- vek	b) Instructions given for installation or initial use	Anto tek anbotek Anbot	Р
io, b	c) Equipment intended to be fastened in place	Anbo	N/A
Anbotek Anbotek	d) Equipment intended for use only in restricted access area	Not used in restricted access area.	N/A
Anbotek	e) Audio equipment terminals classified as ES3 and other equipment with terminals marked in	ootek Anbotek Anbotek	N/A

G	COMPONENTS	ABorek
G.1	Switches Market	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

#### **Shenzhen Anbotek Compliance Laboratory Limited**

accordance F.3.6.1

ES2 limits

F.5

f) Protective earthing employed as safeguard

h) Symbols used on equipment

with all-pole mains switch

Instructional safeguards

safeguard function

g) Protective earthing conductor current exceeding

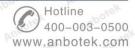
i) Permanently connected equipment not provided

j) Replaceable components or modules providing

Where "instructional safeguard" is referenced in

location of marking and/or instruction

the test report it specifies the required elements,



N/A

N/A

N/A

N/A

N/A

N/A



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0, b.,		and and	1 age 24 of c	1 Report No. 1026	00000012201
botek			IEC 62368-1		
Clause	Anbore	Requirement +	Test	Result - Remark	Verdict

G.3	Protection Devices	And And Andrew	N/A
G.3.1	Thermal cut-offs	No thermal cut-off used.	N/A
G.3.1.1a) &b)	Thermal cut-outs separately approved according to IEC 60730 with conditions indicated in a) & b)	Anbotek Anbotek Anbotek	N/A
G.3.1.1c)	Thermal cut-outs tested as part of the equipment as indicated in c)	Anbotek Anbotek Anbo	N/A
G.3.1.2	Thermal cut-off connections maintained and secure	rek Aupotes Aupotek	N/A
G.3.2	Thermal links	nbore k hotek Anborek	N/A
G.3.2.1a)	Thermal links separately tested with IEC 60691	No thermal link used.	N/A
G.3.2.1b)	Thermal links tested as part of the equipment	Anboten Anbo	N/A
Anbotek	Aging hours (H):	Anbotek Anbo	_
anbotek	Single Fault Condition:	lek aupotek Aupo, tek	_
Anbotek	Test Voltage (V) and Insulation Resistance ( $\Omega$ ). :	otek Anbotek Anbotek	_
G.3.3	PTC Thermistors	Joseph Auporek Aupore	N/A
G.3.4	Overcurrent protection devices	Anto rek anbotek Anbots	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	Anbotek Anbotek An	N/A
G.3.5.2	Single faults conditions:	stek anbotek Anbo	N/A
G.4	Connectors	tek anbotek Anbote	N/A
G.4.1	Spacings	Not directly connected to mains	N/A
G.4.2	Mains connector configuration	Anbo	N/A
G.4.3	Plug is shaped that insertion into mains socket- outlets or appliance coupler is unlikely	Anbotek Anbotek Anb	N/A
G.5	Wound Components	tek abotek Anbote	N/A
G.5.1	Wire insulation in wound components:	ok shotek Anbore	N/A
G.5.1.2 a)	Two wires in contact inside wound component, angle between 45° and 90°	Anbotek Anbotek Anbote	N/A
G.5.1.2 b)	Construction subject to routine testing	Vupotek Vupo, ok Vi	N/A
G.5.2	Endurance test on wound components	Anborek Anbore An	N/A
G.5.2.1	General test requirements	tek abotek Anbore A	N/A
G.5.2.2	Heat run test	o. A. abotek Anbote	N/A
ok w	Time (s):	hipor Ar botek Anbotek	_
-k Vuy	Temperature (°C)	Anbore Andrew	_
G.5.2.3	Wound Components supplied by mains	Aupolas Aug	N/A





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Do. Dis.		40.	VOD	1 agc 20 01 01	MO: 110	port 140. 102	20000001220
botek				IEC 62368-1			
Clause	Anbotes	Requiren	nent + Test	Anbor	Res	ult - Remark	Verdict

G.5.3	Transformers	And N/A
G.5.3.1	Requirements applied (IEC61204-7, IEC61558-1/-2, and/or IEC62368-1):	N/A
olek .	Position:	otek Anbore
tek.	Method of protection:	nbotek Anbo
G.5.3.2	Insulation	N/A
Aupo	Protection from displacement of windings	abotek
G.5.3.3	Overload test:	N/A
G.5.3.3.1	Test conditions	N/A
G.5.3.3.2	Winding Temperatures testing in the unit	N/A
G.5.3.3.3	Winding Temperatures - Alternative test method	N/A
G.5.4	Motors	N/A
G.5.4.1	General requirements	N/A
hun m	Position:	anbotel
G.5.4.2	Test conditions	N/A
G.5.4.3	Running overload test	N/A
G.5.4.4	Locked-rotor overload test	N/A
Anbotek	Test duration (days):	Aupr
G.5.4.5	Running overload test for d.c. motors in secondary circuits	N/A
G.5.4.5.2	Tested in the unit	N/A
oren Ar	Electric strength test (V)	otek Anbote
G.5.4.5.3	Tested on the Bench - Alternative test method; test time (h)	Anborek Anborek N/A M
kin hotek	Electric strength test (V)	Anbores P
G.5.4.6	Locked-rotor overload test for d.c. motors in secondary circuits	N/A
G.5.4.6.2	Tested in the unit	N/A
hotek	Maximum Temperature:	N/A
hotek	Electric strength test (V):	N/A
G.5.4.6.3	Tested on the bench - Alternative test method; test time (h)	N/A
Anbore	Electric strength test (V)	N/A
G.5.4.7	Motors with capacitors	N/A
G.5.4.8	Three-phase motors	N/A
G.5.4.9	Series motors	N/A



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hotek Ai	Anbotek A	hoter	Anborek	IEC 62368-1	Albor IX	port No. 10	3230300001220
Clause	Anboten	Requirem	ent + Test	Aupo,	Re	sult - Remark	Verdict
ACI	hotek	VIIA		rek subore	500	~K 10°	ISK ALION

Air.	Operating voltage:	or All otek Anboren	—
G.6	Wire Insulation	Anbotek Anbotek	N/A
G.6.1	General	Anbotek Anbotek	N/A
G.6.2	Solvent-based enamel wiring insulation	Vupotek Vupo, W. V.	N/A
G.7	Mains supply cords	k anbotek Anbot ak	N/A
G.7.1	General requirements	Not directly connected to mains	N/A
A. sporek	Type	sek spotek Aupote	_
K No	Rated current (A):	both Anbotek Anbote	_
brus.	Cross-sectional area (mm²), (AWG):	Anbore Anbores	_
G.7.2	Compliance and test method	Anbotes Anbotek Anbot	N/A
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	ak abotek Anbotek An	N/A
G.7.3.2	Cord strain relief	lek abotek Anboren	N/A
G.7.3.2.1	Requirements	over hotek Anbores	N/A
Y Pres	Strain relief test force (N):	Anbore Anbore	_
G.7.3.2.2	Strain relief mechanism failure	Anbores Anbor	N/A
G.7.3.2.3	Cord sheath or jacket position, distance (mm):	Anboros Anti-	_
G.7.3.2.4	Strain relief comprised of polymeric material	Anbores Anborek	N/A
G.7.4	Cord Entry	otek Anbotes Anbo	N/A
G.7.5 Anbot	Non-detachable cord bend protection	notek Anboret Anti	N/A
G.7.5.1	Requirements	Anbotek Anbotek Anber	N/A
G.7.5.2	Mass (g):	And otek Anbotek Anbo	_
novek	Diameter (m):	And otek Anbotek Anb	_
Andr	Temperature (°C)	And stek anbotek	_
G.7.6	Supply wiring space	ster Anti-	N/A
G.7.6.2	Stranded wire	inbotek Antibotek	N/A
G.7.6.2.1	Test with 8 mm strand	anbotek Anbou sek abotel	N/A
G.8	Varistors	anbotek Anbo Lek abo	N/A
G.8.1	General requirements	No varistors used.	N/A
G.8.2	Safeguard against shock	tek hotek Anbore A	N/A
G.8.3	Safeguard against fire	sek shotek Anbore	N/A
G.8.3.2	Varistor overload test:	ibo. Anbotek Anbotes	N/A
G.8.3.3	Temporary overvoltage	Anbor An botek Anborer	N/A
G.9	Integrated Circuit (IC) Current Limiters	Anbore Ann Lok Lbo	N/A



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potek	IEC 62368-1	abotek Anbote Ant	yek a
Clause	Requirement + Test	Result - Remark	Verdict
- abotek	Anbore Ani	leek abovek Anbor A	"Otak
G.9.1 a)	Manufacturer defines limit at max. 5A.	No such IC used.	N/A
G.9.1 b)	Limiters do not have manual operator or reset	upote, Aur rek upotek	N/A
G.9.1 c)	Supply source does not exceed 250 VA:	Anbotek Anbotek	_
G.9.1 d)	IC limiter output current (max. 5A):	Anbotek Anbo	_
G.9.1 e)	Manufacturers' defined drift	Anbotek Anbo. Ak	_
G.9.2	Test Program 1	ek shotek Anbou	N/A
G.9.3	Test Program 2	tek obotek Anbote	N/A
G.9.4	Test Program 3	bo ok botek Anbore	N/A
G.10	Resistors	Anborek Anborek	N/A
G.10.1	General requirements	Anbores Anto	N/A
G.10.2	Resistor test	Anboren Anibo	N/A
G.10.3	Test for resistors serving as safeguards between the mains and an external circuit consisting of a coaxial cable	ootek Anbotek Anbotek	N/A
G.10.3.1	General requirements	abotek Anbote Ante	N/A
G.10.3.2	Voltage surge test	botek Anboien Anto	N/A
G.10.3.3	Impulse test	hotek Anboree Anbo	N/A
G.11	Capacitor and RC units	ak hotek Anbotek Ant	N/A
G.11.1	General requirements	No such components used	N/A
G.11.2	Conditioning of capacitors and RC units	otek Anbotek	N/A
G.11.3	Rules for selecting capacitors	Imposed Ambo	N/A
G.12	Optocouplers	Anborel Ann sek abore	N/A
nbotek	Optocouplers comply with IEC 60747-5-5:2007 Spacing or Electric Strength Test (specify option and test results)	Anbotek Anbotek Anb	N/A
Anbore	Type test voltage Vini:	otek Anbore Arm otek	_
Anbor	Routine test voltage, Vini,b:	botek Anbores Arres	_
G.13	Printed boards	hotek Anborek Anbo	P
G.13.1	General requirements	Antone Antone Anton	ek P
G.13.2	Uncoated printed boards	And otek Anbotek Anbo	P
G.13.3	Coated printed boards	Aribo stek abotek A	N/A
G.13.4	Insulation between conductors on the same inner surface	potek Anbotek Anbotek	N/A
ek Anb	Compliance with cemented joint requirements (Specify construction):	Anbotek Anbotek Anbotek	_
G.13.5	Insulation between conductors on different surfaces	Anborek Anborek Anbo	N/A





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potek	IEC 62368-1	abover Anb	otek s
Clause	Requirement + Test	Result - Remark	Verdict
abotek	Anboro Anbo	ek Josek Anbore A	worak.
No.	Distance through insulation	All hatek Anboten	N/A
Anu	Number of insulation layers (pcs):	hoofe And tek mootek	_
G.13.6	Tests on coated printed boards	Anboten Anb	N/A
G.13.6.1	Sample preparation and preliminary inspection	Anborek Anbo	N/A
G.13.6.2a)	Thermal conditioning	anbotek Anbo, Ak	N/A
G.13.6.2b)	Electric strength test	ek nbotek Anbore Ar	N/A
G.13.6.2c)	Abrasion resistance test	ak abotek Anbote	N/A
G.14	Coating on components terminals	botek Anboret	N/A
G.14.1	Requirements ::::::::::::::::::::::::::::::::::::	Anbors Am work Anborek	N/A
G.15	Liquid filled components	Anbore Anbore	N/A
G.15.1	General requirements	Anbores Ans	N/A
G.15.2	Requirements	ek anbotek Anbo	N/A
G.15.3	Compliance and test methods	otek Anbotek Anber	N/A
G.15.3.1	Hydrostatic pressure test	tek abotek Anbotek	N/A
G.15.3.2	Creep resistance test	Aupon Aupon	N/A
G.15.3.3	Tubing and fittings compatibility test	Anbor	N/A
G.15.3.4	Vibration test	Anbors An	N/A
G.15.3.5	Thermal cycling test	The Autories Ann Arth	N/A
G.15.3.6	Force test	otek Anbotek Anbo	N/A
G.15.4	Compliance	notek Anbotek Anbo	N/A
G.16	IC including capacitor discharge function (ICX)	Anbotek Anbotek Anbo	N/A
a) , , o'	Humidity treatment in accordance with sc5.4.8 – 120 hours	Anbotek Anbotek Anbot	N/A
o) ************************************	Impulse test using circuit 2 with Uc = to transient voltage	rek Anbotek Anbotek	N/A
C1) Anbor	Application of ac voltage at 110% of rated voltage for 2.5 minutes	nbotek Anbotek Anbotek	N/A
C2)	Test voltage	unpotek Aupon Ak hotel	_
O1) <sup>ak</sup>	10,000 cycles on and off using capacitor with smallest capacitance resistor with largest resistance specified by manufacturer	Anbotek Anbotek Anb	N/A
D2)	Capacitance:	tek anbotek Anton	_
D3)	Resistance	sek abovek Anbors	

Н	CRITERIA FOR TELEPHONE RINGING SIGNALS						
H.1	General	N/A					





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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
Atek atek	unpoles Villa ok spolek Vupar	niek Anbora A	les.
H.2	Method A	ten Anbo	N/A
H.3 Andre	Method B	botek Anbo tek sbotek	N/A
H.3.1	Ringing signal	ambotek Anbo. Anbotek	N/A
H.3.1.1	Frequency (Hz)	upotek Aupor Au	
H.3.1.2	Voltage (V)	anbotek Anbot Ak	_
H.3.1.3	Cadence; time (s) and voltage (V)	ek abotek Anbote Ar	_
H.3.1.4	Single fault current (mA):	sek nbotek Anbore	_
H.3.2	Tripping device and monitoring voltage	loo, W. Opolek Vupose	N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage complied with	Anbotek Anbotek Anbote	N/A
H.3.2.2	Tripping device	Upotek Vupor bu	N/A
H.3.2.3	Monitoring voltage (V)	ek potek Anbolis An	_

,	J	INSULATED WINDING WIRES FOR USE WITHOUT INTERLEAVED INSULATION					
3100	And	General requirements	N/A				

K	SAFETY INTERLOCKS		N/A
K.1	General requirements	No safety interlocks inside the EUT	N/A
K.2	Components of safety interlock safeguard mechanism		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		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:		N/A



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		2010	1 age oo or o	-00	32300000012201
sbotek Ar			IEC 62368-1		
Clause	Anborer	Requirement + Tes	t <sup>k</sup> Anbo	Result - Remark	Verdict

- 10	is and all the state of	e. vur
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
1460,	1.0	- AV 4. U. U.O

М	<b>EQUIPMENT CONTAINING BATTERIES AND TH</b>	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
M.2.2	Compliance and test method (identify method):		N/A
M.3	Protection circuits		N/A
M.3.1	Requirements		N/A
M.3.2	Tests		N/A
	- Overcharging of a rechargeable battery		N/A
	- Unintentional charging of a non-rechargeable battery		N/A
	- Reverse charging of a rechargeable battery		N/A
	- Excessive discharging rate for any battery		N/A
M.3.3	Compliance		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		
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



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	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
dek	Anbored Ann ok boten Anbo	stek Anbole At	N1/A
	Drop	1000mm, 3times	N/A
	Charge	Charge function effective	N/A
	Discharge	Discharge function effective	N/A
M.4.4.4	Charge-discharge cycle test	Three complete discharge and charge cycles.	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
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)	Similar statement mentioned in the instructions	N/A





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notek h.	Anbotek	Anbote.	Pun	IEC 62368-1	Pupor	MO010	2000000012201
Clause	Anborek	Requiren	ment + Test	k Aupore	Res	sult - Remark	Verdict

	N	ELECTROCHEMICAL POTENTIALS		N/A
3/		Metal(s) used:		_

0	MEASUREMENT OF CREEPAGE DISTANCES AND 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	No opening	N/A
P.2.2	Safeguards against entry of foreign object	No safeguards requirement.	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
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:		N/A
P.4.2 c)	Mechanical strength testing:		N/A

0	Q	CIRCUITS INTENDED FOR INTERCONNECTION WITH BUILDING WIRING	N/A
	Q.1	Limited power sources	N/A
	Q.1.1 a)	Inherently limited output	N/A
	Q.1.1 b)	Impedance limited output	N/A



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botek	IEC 62368-1	Anbotek Anboten Anb	tek o
Clause	Requirement + Test	Result - Remark	Verdict
Ato K	Authorian Mills OK Hotel Authors	All Mek Autorox A	yo.
	- Regulating network limited output under normal operating and simulated single fault condition		N/A
Q.1.1 c)	Overcurrent protective device limited output		N/A
Q.1.1 d)	IC current limiter complying with G.9		N/A
Q.1.2	Compliance and test method		N/A
Q.2	Test for external circuits – paired conductor cable		N/A
	Maximum output current (A):		_
	Current limiting method:		_

R	LIMITED SHORT CIRCUIT TEST	N/A
R.1	General requirements	N/A
R.2	Determination of the overcurrent protective device and circuit	N/A
R.3	Test method Supply voltage (V) and short-circuit current (A)):	N/A

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





Froduct Sal	Page 34 of 5	4 of 51 Report No. 18230SC000122		
botek	IEC 62368-1	Anbotek Anboten Anbo	otek ar	
Clause	Requirement + Test	Result - Remark	Verdict	
A. atek	anbores Arthur ak shotek Anber	ntek napolen	Hun	
	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	
	After fifth flame application, flame extinguished		N/A	

Т	MECHANICAL STRENGTH TESTS		Р
T.1	General requirements		Р
T.2	Steady force test, 10 N		N/A
T.3	Steady force test, 30 N		N/A
T.4	Steady force test, 100 N	(See appended table T.4)	Р
T.5	Steady force test, 250 N		N/A
T.6	Enclosure impact test		N/A
	Fall test		N/A
	Swing test		N/A
T.7	Drop test	(See appended table T.7)	Р
T.8	Stress relief test	(See appended table T.8)	Р
T.9	Impact Test (glass)	No glass used	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:		N/A
T.11	Test for telescoping or rod antennas		N/A

#### **Shenzhen Anbotek Compliance Laboratory Limited**

within 1 min





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bis.	101	Totor	Pupo	rage 33 01 3	i itepuit	10. 102303	C00012201
				IEC 62368-1			
Clause	Anbore	Requi	rement + Test	Ik Aupo,	Result - R	emark	Verdict
atek.	Anboren	Vino	re Ye.	Josek Anbor	b., Wek	Anboro	Mir.
	Torque val	ue (Nm)					

U	MECHANICAL STRENGTH OF CATHODE RAY TO 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		N/A

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

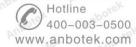


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4.1.2 TAB	LE: List of critical com	ponents			ek Pabo
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1</sup>
Enclosure	LG CHEM LTD	LUPOY EF- 1006F(m)(f2)	PC, V-0, min. thick 1.5mm, 115°C	UL 94, UL 746	UL E67171
PCB Manager	SHENZHEN SHAN XU ELECTRONIC CO LTD	SX-M1	V-0, 130°C, Min thickness 0.8mm	UL 94, UL 796	UL E360487
-Alternative	Interchangeable	Interchangeable	V-0, 130°C	UL 94, UL 796	UL Anbore
Internal wire	Interchangeable	Interchangeable	300Vac, min. 70°C Min. 22AWG	UL 758	UL Ant
Adaptor	SHENZHEN FUJIA APPLIANCE CO., LTD	FJ- SW2025240300 0D	Input: 100-240VAC 50/60Hz, 1.5A Max Output: 24VDC/3A	IEC 62368-1	UE <sup>ter</sup>

4.8.4, 4.8.5	TABLE: Li	thium coin/button cell batterie	es mechanical tests	Anbor N/A	
(The follow	e following mechanical tests are conducted in the sequence noted.)				
4.8.4.2	TABLE: St	ress Relief test	abotek Anbor An otek	Comments	
Î	Part	Material	Oven Temperature (°C)	Comments	
Anb	Die. Vur	otek Anbotek Anbo	the botek -Anbore An	otek upotel	
4.8.4.3	TABLE: Ba	ttery replacement test	ak hotek Anbotel Ar	_	
Battery pa	ırt no	:	ak hotek Anbotet	_	
Battery Ins	stallation/withd	Irawal	Battery Installation/Removal Cycle	Comments	
Vier Viek	anbotek	Anbu tak abotek	Anbore And 1 ofek Anborek	Anb.	
			Anbore A2 tek anbor	ek bapo,	
			3 mb stek	otek Anbore	
			olek Anborek 4 Anbo		
			nek mbolek 5 Anbo	"botek— A	
			Model Andore	br.	
			Anbore 8 rak Anbore	An Torek	
			Anbor 9 potek Anbor	k Ans work	
ak a	botek Anb	ofe, Aug otek Aupotel	Anbo 10 Ant	Die. Aug	
1.8.4.4	TABLE: Dro	op test		_	
mpact Ar	ea	Drop Distance	Drop No.	Observations	
An-	Anbotek	- Anbotek Anbotek	Inbore Ann aborek Anborek	- Anbe	
4.8.4.5	TABLE: Imp	pact Ann arbotek anbotek	Anbo. Anbotek Anbote	_	
Impacts	per surface	Surface tested	Impact energy (Nm)	Comments	
- br.	olek v	Coten And	Aupor - Ar stek	and And	







4.8.4, 4.8.5	TABLE:	TABLE: Lithium coin/button cell batteries mechanical tests  N/A							
(The follow	ving mechanic	cal tests are	conducted in the sequen	ce noted.)					
4.8.4.6	TABLE: C	rush test	otek Anboten	Ann stek an	polek Vupo,	_	_		
Test position Surface tested		Surface tested	Crushing	Duration force applied (s)					
ter A	ypo sek	-botek	Anbore K An	k Aupotek	- Aup	-botek	Aupore		
Suppleme	ntary informa	tion:	Anbores And	otek anbotek	Anbo	-hotek	Anb		

4.8.5	8.5 TABLE: Lithium coin/button cell batteries mechanical test result								
Test position			Surface tes	ted	Force (N)			Duration force applied (s)	
Rek Ant	0,0 bu.	notek	Anboten	Aup	abotek	Aupon A	notek.	Aupote	
Supplemen	tary informatio	n: otek	Anbotek	Anbo	ek spotek	Anbore	Ans	k anb	

5.2	Table: 0	Classification of	electrical energy	sources	in hotel	Anbore	VLC.	P
5.2.2.2 -	<ul> <li>Steady State</li> </ul>	e Voltage and Cu	rrent conditions					
	O. marsh.	Location (e.g.			Parar	meters		
No.	Supply Voltage	circuit designation)	Test conditions	U (Vrms or Vpl	k) (A <sub>l</sub>	I ok or Arms)	Hz	ES Class
Anboren	Ano	ik upotek	Normal	24.01VDC	hoter	Anb	nbc	lek bi
Anbote	24VDC*	USB input terminal and	Abnormal:	Yu. Polek	Anbotek	Anbo	lek V	ES1
ek Aup	obotek And	internal circuits	Single fault: SC/OC	Anbotek	Anbo	potek Aug	botek_	Anbotek
5.2.2.3 -	- Capacitance	Limits						
NIa	Supply Voltage Location (e.g. circuit designation)		Took one ditions	Parameters				E0 0l
No.			Test conditions	Capacitance	Capacitance, nF		(V)	ES Class
Anbo	sek nob	itek Anboro	Normal	Anboten	Aupo	ek noo	yek Ar	por
w - Aup	notek b	hbotek Anbot	Abnormal	Anbotek	Anbo.	otek Ar	botek	Anbore.
otek P	Aupotek	Anbotek An	Single fault – SC/OC	ek Anbore	e <sub>K</sub> Vu	Anborek	Anbotek	Anbo*
5.2.2.4 -	- Single Pulse	s						
Nio	Supply	Location (e.g.	Test conditions		Param	neters		ES Class
No.	Voltage	circuit designation)	rest conditions	Duration (ms)	Upk	Upk (V) lpk (mA)		ES Class
	botek A	pour bu	Normal	Anb.	- 4	jotek Ani	001	VI. POLEK
rek by	abotek	Aupore. Au	Abnormal	ar Anbo	/r	abotek	Arhore.	- Mun
nbotek	Anbotek	Anboten	Single fault – SC/OC	jotek Anbov	otek	Anbotek	Anbore.	





	•						/
	Supply	Location (e.g.	<b>-</b>		Parameters		50 OI
No.	Voltage	circuit designation)	Test conditions	Off time (ms)	Upk (V)	lpk (mA)	ES Class
N. Du	otek	inbotek Anbo	Normal	AT-bore.	Ant - otek	Anbatek	Anbo.
er 	Anbo	anbotek Ar	Abnormal	rek Anborer	Anto	nbotek	Anboro
potek	Anborek	Aupotek V.	Single fault – SC/OC	lootek Anbo	otek - Anbo	ek Anborek	ak Anbore

Test Conditions:

Normal -

Abnormal -

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

5.4.1.4, 6.3.2, 9.0, B.2.6	TABLE: Temperatu	ire measureme	ents <sub>Anb</sub> ote					k P Anh
Auratek	Supply voltage (	V)	siek p	24\	/dc	otek o	n <del>botek</del> Anl	_
Anburgtel	Ambient T <sub>min</sub> (°C	)	: 35.	Opupo,	T. V.	otek-	unbotek_	_
Anto	Ambient T <sub>max</sub> (°C	S)	: 35.	0 0	pole	Mup.	vapo <sub>rek</sub>	_
St. Vup.	Tma (°C)	Anbore	: 35.	0	Anbotek	Anb.	nnotek	_
Maximum n	neasured temperature	T of part/at:			7	(°C)		Allowed T <sub>max</sub> (°C)
PCB near Micro				P°	by.	orek Ar	poter And	130
PCB near U1				2,000	An	wotek	pupoter-	130
PCB near L	J2	Vupo. b.	66.	8	pore	pho otek	nhotek	130
Internal wire	e stek anbotek	Anbor	48.	7	Anbore	Ann tek	anbotek.	80
Enclosure ii	nside U1 above	Anbore	54.	3	Antorek	Vupo	ek nbotel	Ref.
Ambient	Anbo. Lok abor	sk Aupore	35.	O tek	- nbote	-Vupo.	- No.	tek M
Accessible	parts:	otek Anbot	e. An	oke.	ik vap	otek bu	Do. by	hotek
Enclosure c	outside U1 above	hotek An	38.	8	-tek	botek	Mpor b	77
Ambient	ek Aupora	Arra Kotek	25.	0 1/2	184	nbotek	Aupore	Pur Polek
Supplemen	tary information:	Arra - otek	Anbotek		Yupo,_	photek	Auporen	Pun.
Temperatur	e T of winding:	t <sub>1</sub> (°C)	R <sub>1</sub> (Ω)	t <sub>2</sub> (°	(C) R <sub>2</sub> (	(Ω) T (°C	Allowed T <sub>max</sub> (°C)	Insulation class
hotek	Anbo.	rek - nbot	- YO,	-	i. 15	atek park	b.,	rek_

Supplementary information:

Note 1: Tma should be considered as directed by appliable requirement

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







5.4.1.10.2 TABLE: Vicat softening temperature of the	ek abotek	Aupor	N/A	
Penetration (mm)	: potek Anbo	tek aboiel	Anb	_
Object/ Part No./Material	Manufacturer/t rademark	T softening (°C		)
Anbotek Anbotek Anbotek	Aug tok	Anbotek A	upo.	w potek
supplementary information:	Anu	anbotek	Anbo	pro bote

5.4.1.10.3	TABLE: Ball pre	essure test of thermoplast	rek h	botek Anbo	N/A		
Allowed imp	oression diameter	(mm)	: ≤ 2 mm	Do. N	botek A	_	
Object/Part No./Material Manufacturer/trademark			Test tempera	ature (°C)	Impression diameter (mm)		
Aupon	K Motek	Anbore - And	. abotek	Aupo.	- by.	Aupoter	
Supplemen	tary information:	Anbotek Anbe	tek Anbotek	Anboran	ek Anbotek	Anbore	

5.4.2.2, 5.4.2.4 and 5.4.3	TABLE: Minimum C	learances	s/Creepaç	ge distance	Anbor	otek Anb	otek An	N/A
	cl) and creepage at/of/between:	Up (V)	U r.m.s. (V)	Frequenc y (kHz) <sup>1</sup>	Required cl (mm)	cl (mm) <sup>2</sup>	Required <sup>3</sup> cr (mm)	cr (mm)
botek Ar	botek And	Anbohia.	br	ek P	- nbotek	Anboro	Also most	ek Aupo

Supplementary information:

Note 1: Only for frequency above 30 kHz

Note 2: See table 5.4.2.4 if this is based on electric strength test

Note 3: Provide Material Group

5.4.2.3	TABLE: Minimum Clea	arances distances using	required withstand v	/oltage	N/A
o.	Overvoltage Category	(OV):	Anbo. M.	orek Anbore	And
'upo,	Pollution Degree:	Anto otek Anbotek	Aupo, Air	-botek Anb	Die. b
Clearance distanced between:		Required withstand Required cl voltage (mm)		Measured cl	
~	otek Anbore An	notek Antotek A	nbo tek nbotek	Aupore	Pin Potel
Suppleme	entary information:	Anbotek Anbotek	Anbotek Anbote	k Anbore	Anbo

5.4.2.4	TABLE: Clearances base	TABLE: Clearances based on electric strength test								
Test voltag	e applied between:	Required cl (mm)	Test voltage (kV) peak/ r.m.s. / d.c.	Breakdown Yes / No						
PUL	stek subotek Anbo	botek	Aupore - Aur	er vupotek - Vupo.						
Supplemen	ntary information:	unbotek Anbotek	Anbotek Anto	potek Anbotek Anbot						







5.4.4.2,	TABLE: Dis	stance throug	h insulation	n measurem	ents	abotek A	N/A
5.4.4.5 c) 5.4.4.9	Anbotek	Anbotek	Anbotek	Anbotek	k Anbo,	Anbotek	Anbotek An
Distance th insulation d		Peak v	oltage )	Frequency (kHz)	Material	Required DTI (mm)	DTI (mm)
Aupo,	ok do	tek bupo	ie. Vun	otek	obotek Anbo	- Pr.	ek -Aupote
Supplemen	tary informatio	upotek Vu	botek A	Anbotek .K	Anbotek A	Anbotek An	botek Anbote

5.4.9	TABLE: Electric strength tests			N/A	
Test voltage applied between:		Voltage shape (AC, DC)	Test voltage (V)	Breakdown Yes / No	
Functional	poter Anbotek	Anbore K An Hotek	Aupoten Aup.	tek abot	
-otek	Anbotek Anbo sek abotek	Anbores And	ok antotek A	190 W	
Basic/supp	lementary:	Anbotel Ant	stek subotek	Aupo, ok	
Anbo.	obotek Anbore And	ek Antorek An	rek - upotek	Aupor-	
Reinforced	ik abotek Anbote Ane	otek anbotek	anbo ek abotek	Anbore	
Anbo	ak botek Anbotel Ar	otek unbotek	Anbo. Al bo	ek Hipole	
Routine Te	ests:	And tek anbotek	Anbor Ar.	orek Anbore	
potek	Anbotek Anbotek	Anbo Abote	K Aupolo M	wotek Anb	
Supplemer	ntary information:	ek Anborek Ant	otek Anbotek	Anbotek A	

5.5.2.2	IABLE: Sto	red dischar	ge on capacito	ors	YU.	hotek	N/A
Supply Voltage	ge (V), Hz	Test Location	Operating Condition (N, S)	Switch position On or off	Measured Volta (after 2 second	•	ication
AnboteA	un viek	anbatek	Aupo.	Pr. Possk	Anbore And	niek nobele	k.
Supplementa	ry information	on:	Aupor	Ar. otek	Anboren	ing yet	otek
X-capacitors	installed for	testing are:					
□ bleeding	resistor ratio	ng:					
☐ ICX:							
Notes:							
A. Test Locat	tion:						
Phase to Neu	utral; Phase	to Phase; Ph	ase to Earth; a	nd/or Neutral	to Earth		
B. Operating	condition a	bbreviations:					
N – Normal c		م ماناناه م	6	Ville		V400	

5.6.6.2	TABLE: Resistance of protective conductors and terminations							
	Accessible part	Test current (A)	Duration (min)	Voltage drop (V)	Resistance (Ω)			
-Aupotek	Anbo sek abote	Anboro	An anbr	ren Aup	k sporek			





5.6.6.2	TABLE: Resista	nce of prote	ctive conduc	tors and termina		N/A	
	Accessible part	Те	st current (A)	Duration (min)	Voltage (V)	drop	Resistance (Ω)
Suppleme	entary information:	Anbotek	Anbote, botek	Anbotek	Anborek	Anborek	Anbotek

5.7.2.2, 5.7.4	TABLE: Earthed accessible conductive par	Anbotek Anbotek Ar	N/A bott
Supply volta	age:	te And work Anborek	_
Location		Test conditions specified in 6.1 of IEC 60990 or Fault Condition No in IEC 60990 clause 6.2.2.1 through 6.2.2.8, except for 6.2.2.7	Touch current (mA)
yek Anb	alk hotek Anbotes Anb	Anborek 1 Anbor All	notel N/A Antoone
		ek nbotek 2* Anbore A	N/A
		sok above 3 Anbove	<u>N/A</u>
		4 Ambore	N/A
		Anborek Anborek	N/A
		Anbore A6 dek anbor	N/A
		Ambotek 8hmbo	N/A

#### 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 T	Table: Electrical power sources (PS) measurements for classification							
Source	Description	Measurement	Max Power after 3 s	Max Power after 5 s*)	PS Classification			
tek anbot	Anbo,	Power (W) :	Anbore And	ek upotek vi	100, 100			
All Internal circuits	Normal	V <sub>A</sub> (V) :	Anbotek Anbo	sek -obotek	PS2			
nbo. on outle Are	shotek Anb	I <sub>A</sub> (A) :	k Anbatek An	sek sbotek	Anboter An			

#### Supplementary Information:

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

	AL MO	740 740		MO	Por.
6.2.3.1	Table: Determination of Po	tential Ignition Sources (A	rcing PIS)		N/A
0.2.5.1	Table. Determination of To	termai igriition oodi ees (A	icing i loj		14/2/20,





Location	Open circuit voltage After 3 s (Vp)	Measured r.m.s current (Irms)	Calculated value (V <sub>p</sub> x I <sub>rms</sub> )	Arcing PIS? Yes / No
Ann otek Anbotek Arr	100. W. W.	K Wpole.	Antotek- Anbot	Sk Mpo.

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  $(I_{rms})$  is greater than 15.

6.2.3.2 Table: Determination of Potential Ignition Sources (Resistive PIS)							
Circuit Loc	cation (x-y)	Operating Condition (Normal / Describe Single Fault)	Measured wattage or VA During first 30 s (W / VA)	Measured wattage or VA After 30 s (W / VA)	Protective Circuit, Regulator, or PTC Operated? Yes / No (Comment)	Resistive PIS? Yes/No	
All interna	al circuits	Wupo, br.	otek Anbote	And	anbotek Ar	00, K	

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	and tek abotek An	N/A
Description	Values	Energy Source Classification
Lamp type	Anbo, Ar botek	_
Manufacturer	Anboy An An Motek	_
Cat no:	tek Anbore And	_
Pressure (cold) (MPa)	botek Anbotes And	MS_
Pressure (operating) (MPa)	hotek Anboten An	MS_
Operating time (minutes):	An-	_
Explosion method:	And Anbotek	_
Max particle length escaping enclosure (mm).:	And otek anbotek	MS_
Max particle length beyond 1 m (mm):	er Ando	MS_
Overall result	botek Anbo sek ab	otek Anbore Ans
Supplementary information:	Anbotek Anbotek	nbotek Anbotes Anb





B.2.5	TABLE: Inpu	ut test					Aupo, by
U (V)	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status
DC power	supply	Anbore	Vun	k anbotek	Vupo.	ok no	otek Anbote.
24	2.478	3.0	59.472	- Lotek	Pupo,	bu	Normal working

B.3	TAB	LE: Abnorm	al operating o	condition to	ests				N/A
Ambient t	empera	ture (°C)	(hore An		Anbote Propose	AUD.	-telk	botek	Α —
Power so	urce for	EUT: Manuf	acturer, model	/type, outpu	ıt rating	lotek bi	Ppo. P	abotek	_
Compone	ent No.	Abnormal Condition	Supply voltage, (V)	Test time (ms)	Fuse no.	Fuse current, (A	T-couple	Temp. (°C)	Observation

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.

Condition   Voltage, (V)   (ms)   no.   current, (A)   (°C)   on	B.4	TAB	LE: Fault co	ndition tests						botek	Pupore
Component No. Fault Condition Voltage, (V) Test time (ms) Fuse current, (A) T-couple (°C) Observation on Condition Voltage, (V) Test time (ms) Fuse current, (A) T-couple (°C) Observation on Condition Observation on Condition Observation on Condition Observation on Condition Observation Observa	Ambient temperature (°C): 24.8										_
Condition voltage, (V) (ms) no. current, (A) (°C) on  U1 pin 1-4 S-C 24VDC 10mins Unit working normally no hazard, no damage.  U2 pin 1-6 S-C 24VDC 10mins Unit working normally no hazard,	Power source	e for	EUT: Manuf	acturer, model	/type, outpo	ut rating	ı.:	rupo, ek	Anbo,	ok bir	_
Working normally no hazard, no damage.  U2 pin 1-6  S-C  24VDC  10mins    Unit working normally no hazard, no damage.	Component	No.							T-couple	-	Observati on
working normally no hazard,	U1 pin 1-4		S-C	24VDC	10mins		-				working normally, no hazard,
damage.	U2 pin 1-6		S-C	24VDC	10mins		-				working normally, no hazard,





210, 00	, P.	You	botto	Aria		100	30	Yo.	-bot
Annex M	TABLE: Batt	eries						Pupo,	N/A
The tests of	Annex M are	applicable o	only when app	oropriate ba	attery data	is not ava	ilable	Anbo,	N Am
Is it possible	e to install the	battery in a	reverse polar	ity position	1?	Anbo.	h. hote	SK AL	pole
	Non-re	echargeable	e batteries		F	Rechargeal	ole batteri	es	
	Disch	arging	Un-	Cha	rging	Disch	arging	Reverse	d charging
	Meas. current	Manuf. Specs.	intentional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.
Max. currenduring norm	~O 1	Anbotek Anbotek	Anbotek	Anbotel	lek b	hbotek ntotek	Anbotek Anbotek	Anbor	otek p
Max. curren during fault condition	t Anbotek	Anbor	otek Anbo	lotek A	Anbotek	Anbotel	Kek Pup	nbotek nbotek	Anbotek Anbotek
Test results	nek	anbotek	Anbo.	abotek.	Anbo	No b	otek.	Anbore	Verdict
- Chemical	leaks	Anbotek	Aupo, rek	P11.	sek b	Upoter.	Arra Lotel	L DIOLO	N/A
- Explosion	of the battery	anbotel	Anbo	ok Pi	botek	Aupore	Dilip	itek i	N/A
- Emission o	of flame or exp	ulsion of m	olten metal	ak A	botek	Anboren	Pup	otek	N/A
- Electric str	ength tests of	equipment	after completi	on of tests	abotek.	Anbo	b.	up -otek	N/A
Supplement	tary information	n:	Anborek	Anborek	Anbo	tok bi	botek	Anborel	Anbo

Annex M.4	Table: Additional safeguards for equipment containing secondary lithium batteries					N/A	
Battery/Cell		Test conditions		Measurements	5	Observation	
N	0.		U	I (A)	Temp (C)		
Iupose.	Ann	Normal	potek.	Anbole	Ann	Anbotek Ar	
Anbore	Anbo	Single fault –SC	k potek	Anbores	Augo	anbotek	
Anboien	Pupp	Single fault –SC	rek whot	ok Pupose,	k kup	Anbotek	
Aupor	ok Vino	Single fault –SC	Jek Pri	otek Anbr	Jest Miss	Hek Anborek	
stek Ant	ote I	After drop tested	hpo tek	inbotek A	pots and	hotek Anbol	
Supplement	ary Informa	ation:	Anico.	notek.	Anbote	tek or	

Battery identification	Charging at T <sub>lowest</sub> (°C)	Observation	Charging at Thighest (°C)	Observation	
htek Anbotek	Aupor	Charging current:	Anti-	Charging current:	
Supplementary In	formation:	hotek Anbotes	And	upotek Anbo, ak ab	





Annex Q.1	TABLE: Circuits inte	nded for inter	connection with	building wiri	ng (LPS)	N/A
Note: Meas	sured UOC (V) with all lo	ad circuits disc	connected:	Anbotek	Aupon	abotek
Output	Components	U <sub>oc</sub> (V)	I <sub>sc</sub>	(A)	S (\	VA)
Circuit			Meas.	Limit	Meas.	Limit
ek	otek Achore	n-otek	Arboten Anbe	- 1/8:	otek Aupore	7 200
- ok_	-botek -Anbote	Aug Tek	Anbotek A	100 - N	botek Anbr	- Vun
10.	tary Information: circuit, OC=Open circuit	Anbotek	Anbotek Anbotek	Anbotek	Anbotek A	nbotek An

T.2, T.3, T.4, T.5	TABI	E: Steady force te	est Anbore	tek Anbotek	Anbotek Anbotek	Ambortek Ar Prek
Part/Loca	tion	Material	Thickness (mm)	Force (N)	Test Duration (sec)	Observation
Top enclosu	ıre	potek Anbotek	k Anbotek	100N	nbores 5 Ame	No damaged, no hazard
Bottom enclosure	,	Anbotek Anb	otek - Anbotek	100N	5 Anb 5 A	No damaged, no hazard
Side enclos	ure	Anborek A	mboten Anto	100N	A500 botek	No damaged, no hazard
Supplement	tary inf	ormation:	Andhorek	anbotek Anbr	tek abote	ik Auporan Kura

T.6, T.9	TABL	E: Impact tests	Anburgek	Aupolek	Anborrak	hotek	N/A
Part/Location	on	Material	Thickness (mm)	Vertical distance (mm)		Observation	
sek ab	otek	Anbore A	sofek- An	otek - Aupo	ek ab	otek -Anbore	r bu
Supplementa	ry info	rmation:	And	Anbotek Anbe	ok k	-botek Anb	Ote. Pur

T.7	TABLE: Drop tests			Anbor An botek Imbore P
Part/Location	on Material	Thickness (mm)	Drop Height (mm)	Observation
Top enclosure	e Plastic and metal	Anbotel Ar	1000	No damage, no hazard.
Bottom enclosure	Plastic and metal	Aupoter.	1000	No damage, no hazard.
Side enclosur	Plastic and metal	otek Anbotek	1000	No damage, no hazard.
Supplementa	ry information:	potek Aupo,	Vila Ye	k upotek Anbout k hotel

T.8 TABLE: Stress relief test					P
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Part/Location	Material	Thickness (mm)	Oven Temperature (°C)	Duration (h)	Observation
Plastic enclosure	Plastic	rek - abotek	70.0	7,ek	No damaged, no hazard.
Supplementary inf	ormation:	rek woot	ek Anbore	Ans	Anborek Anbo

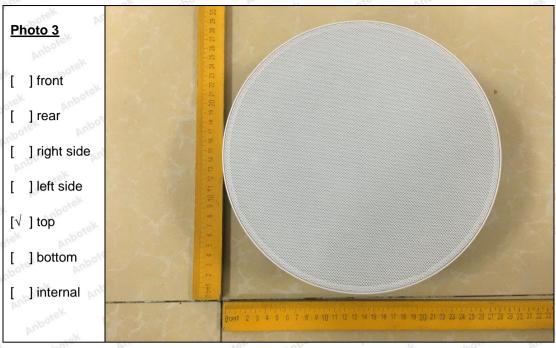


#### Attachment 1: Photo



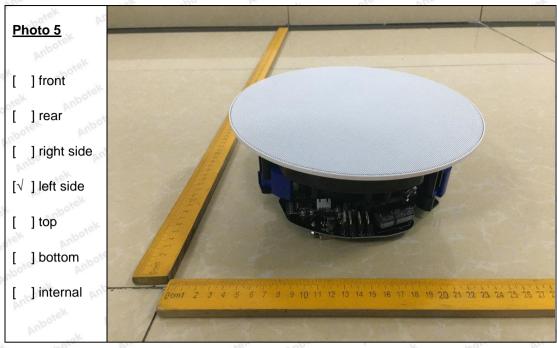






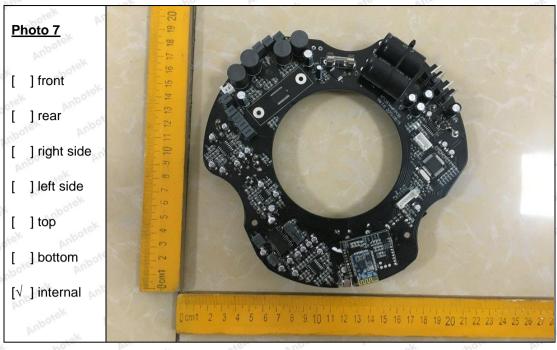


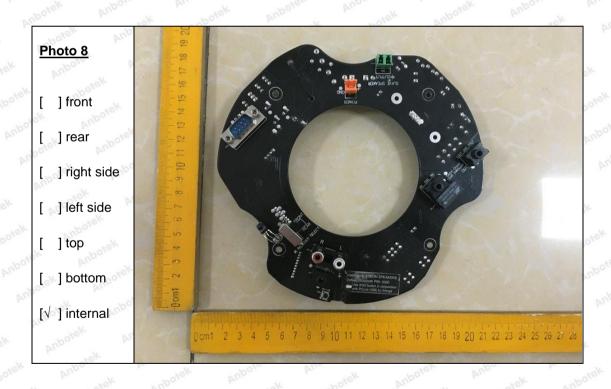














] top

# Photo 9 ] front [ ] rear ] right side [ ] left side ] bottom [√] internal

\*\*\*End of the report\*\*\*