

Safety Test Report

Report No.: AGC04094181002ES01

PRODUCT DESIGNATION: Travel adapter wireless powerbank

BRAND NAME : N/A

MODEL NAME : P820.55

CLIENT : Xindao B.V.

DATE OF ISSUE : Dec. 11, 2018

STANDARD(S) : EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

REPORT VERSION: V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd.

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Attestation of Global Compliance

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TEST REPORT

EN 60950-1

Information technology equipment-Safety-Part 1: General requirements

Report Reference No...... AGC04094181002ES01

Tested by(+ signature) Alabert Liang

Reviewed by (+ signature) Byron Wang

Matte He

Approved by (+signature)......(Authorized Officer)

Date of issue Dec. 11, 2018

Contents...... Total 59 pages

Testing laboratory

Name...... Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping

Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

Byron Wang

mette He

Testing location...... Same as above.

Applicant

Name.....: Xindao B.V.

Address P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

Manufacturer

Name.....: Xindao B.V.

Address P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

Factory

Name....: Xindao B.V.

Test specification

Standard...... EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

Test procedure Type test

Procedure deviation...... N/A

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

Test Report Form/blank test report

Test Report Form No...... AGC60950A9

Test Report Form(s) Originator...... AGC

Master TRF...... Dated 2018-09

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				1117:		
Test item						
Product designation	Travel adapter	wireless po	werbank			
Brandname	N/A S A S A S A S A S A S A S A S A S A S					
Test model	P820.55					
Series model	N/A					
Rating(s):	AC Input: AC 100-240V, 50/60Hz, 0.5A Max USB-C Input: DC 5V, 2A					
于 环 ^技 · · · · · · · · · · · · · · · · · · ·	USB Output: DC 5V, 2.4A (total 4.8A, travel adapter) Wireless Output: 5W (wireless powerbank)					
Test item particulars						
Equipment mobility	:	1	e hand-held	□transportable		
			ry □for building-in de equipment ⊠ ty	300		
Connection to the mains	© Marian de la company C		ent connection	pe A Liype B		
- Carried - Carried - Carried			ble power supply co	ord		
0 00			achable power supp	ub.		
		☐not dire	ctly connected to the	e mains		
Operating condition	KN .com C	(Glov	perating/ resting time	e: 1		
Access location	a.O. ':		r accessible			
			ed access location			
Over voltage category(OVC)		□ovc i [I □OVC IV □other		
Mains supply tolerance(%) or absolute supplyvalues	mains :	±10%				
Tested for IT power systems			⊠No			
IT testing, phase-phase voltage(V)	:			The Companies		
Class of Equipment		☐Class I ☐not clas	⊠Class II sified	☐Class III		
Considered current rating of protective of the building installation (A)	e device as part	16A				
Pollution degree(PD)	:	□PD 1	⊠PD2	PD3		
Protection against ingress of water	:	IPX0				
Altitude during operation (m)	i i i i i i i i i i i i i i i i i i i	2000m				
Altitude of test laboratory (m)	inon :	<500m				
Mass of equipment (kg)	:	<1 Kg				
Test case verdicts	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	:MI	F Global Complian	Attestation Comments of Commen		
Test case does not apply to the test ob	ject:	N (/A)				
Test item does meet the requirement	(e)	P (ass)				
Test item does not meet the requireme	nt:	F (ail)				
Testing		松河	e Frederica	© # April Color		
Date of receipt of test item	The Complete	Oct. 24, 20	018	CC ME		
Date(s) of performance of test		Oct. 29– D	ec. 05, 2018			

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Attachment A..... Photos of product

General remarks

This report shall not be reproduced except in full without the written approval of the testing laboratory.

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

"(See remark #)" refers to a remark appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

Report Revise Re	cord:	Attestation ©	Mestalion of the state of the s	
Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Dec. 11, 2018	Valid	Initial release

General product information

The product is a direct plug-in type with detachable EN50075 or BS1363 plug. The top enclosure is secured to bottom enclosure by ultra sonic.

The product can be used as a travel charger or powerbank; According to the instruction when tested as travel adapter there shall be USB output only, when tested as wireless powerbank, there shall be wireless output only. Instructions and equipment marking related to safety is applied in the language that is acceptable in the country in which the equipment is to be sold.

The product was submitted and tested for use at the manufacturer's recommended ambient temperature (Tma) of 25 °C.

Summary of testing

The test item passed.

Copy of marking plates

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.

Travel adapter wireless powerbank

Model: P820.55

AC input: 100-240V~ 50/60Hz 0.5A Max

USB-C input: 5V === 2A

USB output: 5V === 2.4A (Total 4.8A, travel adapter)

Wireless output: 5W (Wireless powerbank)

Capacity: 6700mAh/24.8Wh



Xindao B.V.

P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

Remark:

- 1) The CE marking and WEEE symbol (if any) should be at least 5mm and 7mm respectively in height.
- 2) The markings and instructions are the minimum requirements required by safety standard. For final production samples, the additional markings which do not give rise to misunderstanding may be added.
- 3) As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name ormark and the postal address will be marked on the products before being place on the market.
- 4) Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdic		
1/21 marco	Of The State of th	- GO - GO - C			
Comp	GENERAL		Р		
Allesti			The Kill		
1.5	Components	The State of the S	P P		
1.5.1	General	Second Se	Р		
)C	Comply with IEC 60950 or relevant component standard	Components which were found to affect safety aspects comply with the requirements of this standard or with the safety aspects of the relevant IEC/EN component standards. (see appended table 1.5.1)	P		
1.5.2	Evaluation and testing of components	Components which are certified to IEC/EN and/or national standards are used correctly within their ratings. Components not covered by IEC/EN standards are tested under the conditions present in the equipment.	AG		
1.5.3	Thermal controls	No any thermal controls.	N		
1.5.4	Transformers	Transformer used is suitable for their intended application and comply with the relevant requirements of the standard.	P P		
1.5.5	Interconnecting cables	1000 1000 1000 1000 1000 1000 1000 100	bilacca N		
1.5.6	Capacitors bridginginsulation	Capacitors used in accordance with their rating and complied with subclasses of IEC 60384-14 with at least 21 days damp heat test.	GC *		
1.5.7	Resisters bridging insulation	100	The Paris		
1.5.7.1	Resisters bridging functional, basic or supplementary insulation	Functional only	Jolion of P		
1.5.7.2	Resisters bridging double or reinforced insulation between a.c. mains and other circuits	CC PO	N		
1.5.7.3	Resisters bridging double or reinforced insulation between a.c. mains antenna or coaxial cable	The Target of the State of the	® N		
1.5.8	Components in equipment for IT power systems	Standard C Standard N	N		
1.5.9	Surge suppressors	No such device.	N		
1.5.9.1	General	· 机型	Manual N		
1.5.9.2	Protection of VDRs	The standard of the standard o	N		
1.5.9.3	Bridging of functional insulation by a VDR	-0.3	N		
1.5.9.4	Bridging of basic insulation by a VDR	0 10	N		

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and half		71111	arill .
	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	CO CO	3 N

1.6	Power interface	发现	allon of Glob P
1.6.1	AC power distribution systems	TN power system for adaptor	P
1.6.2	Input current	See appended table 1.6.2	Р
1.6.3	Voltage limit of hand-held equipment	Not a hand-held equipment.	N
1.6.4	Neutral conductor	T. Burner T. Burner	® Paragonol

1.7	Marking and instructions		Р
1.7.1	Power rating	See below	₩ P
G-	Rated voltage(s) or voltage range(s) (V):	100-240	
	Symbol for nature of supply, for d.c. only:	AC supply	
I July	Rated frequency or rated frequency range (Hz) .:	50/60Hz	
(8) 48	Rated current (mA or A):	0.5A	
1.7.1.2	Identification markings	The Theorem	P
极了	Manufacturer's name or trademark or identification mark:	See marking plate	
To of Global Comme	Type/model or type reference:	P820.55	
illestation (Symbol for Class II equipment only:		
	Other marking and symbols:	See marking plate.	
1.7.1.3	Use of graphical symbols		Р
1.7.2	Safety instructionsand marking	Provided.	P
1.7.2.1	General	See below.	# The Port
1.7.2.2	Disconnect devices	Plug	P
1.7.2.3	Overcurrent protective device	-C ***	N
1.7.2.4	IT power distribution systems		N
1.7.2.5	Operator access with a tool	· 抢加。	ON.
1.7.2.6	Ozone	@ # Had down	N
1.7.3	Short duty cycles	Equipmentis designed forcontinuous operation.	N
1.7.4	Supply voltage adjustment:	Single supply.	Kamphance N
	Methods and means of adjustment; reference to installation instructions:		N
1.7.5	Power outlets on the equipment:	- GO - CO	N

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference):	Fuse F1, T1A250V	Р	
1.7.7	Wiring terminals		N. The	
1.7.7.1	Protective earthing and bonding terminals:	Class II equipment, no earthing	nion of Glob N	
1.7.7.2	Terminal for a.c. mains supply conductors	and the second of the second o	N	
1.7.7.3	Terminals for d.c. mains supply conductors	CO **	N	
1.7.8	Controls and indicators	No safety relevant	Р	
1.7.8.1	Identification, location and marking:	不是 不 不 不	© N Station	
1.7.8.2	Colours	3 Mary district Colored Colore	O N	
1.7.8.3	Symbols according to IEC 60417	, GO D	N	
1.7.8.4	Markings using figures:	:::10	, ∌ N	
1.7.9	Isolation of multiple power sources:	Single power sources.	Sorrigania N	
1.7.10	Thermostats and other regulating devices	No such devices.	N	
1.7.11	Durability	The marking withstands required tests.	Р	
1.7.12	Removable parts	Not on removable part	P	
1.7.13	Replaceable batteries	No batteries.	N N	
. 17	Language(s)	CO CO		
1.7.14	Equipment for restricted access locations:		N	

2	PROTECTION FROM HAZARDS	The Company S.	P
2.1	Protection from electric shock and energy hazards	No hazardous parts in operatoraccess areas.	Р
2.1.1	Protection in operator access areas		Per fill
2.1.1.1	Access to energized parts	Energized parts are not accessible.	Р
	Test by inspection:	Compliance	Р
· King allance	Test with test finger(Figure 2A):	Compliance	Р
Hopal Court	Test with test pin (Figure 2B):	Compliance	Р
	Test with test probe (Figure 2C)	The state of the s	® N
2.1.1.2	Battery compartments:	® ## and decidence ® ## and decidence	N
2.1.1.3	Access to ELV wiring	No ELV wiring in operator accessible area	N
Allestation	Working voltage (Vpeak or Vrms); minimum distance (mm) through insulation	(see appended table 2.10.5)	
2.1.1.4	Access to hazardous voltage circuit wiring	C Management of C Management o	N
2.1.1.5	Energy hazards:	See appended table 2.1.1.5	Р
2.1.1.6	Manual controls	投 测	N P

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Clause	Requirement – Test	Result – Remark	Verdict		
2.1.1.7	Discharge of capacitors in equipment	No x-cap used	N		
al Comp.	Time-constant (s); measured voltage (V):				
2.1.1.8	Energy hazards – d.c. mains supply	No d.c. mains supply	The N		
0	a)Capacitor connected to the d.c. mains supply:	K Barrer S S	ation of On N		
The total	b)Internal battery connected to the d.c. mains supply:	CC MANAGED NO.	N		
2.1.1.9	Audio amplifiers:	No any amplifiers	N		
2.1.2	Protection in service access areas	The Barrier Transferred	® N _{estation} o		
2.1.3	Protection in restricted access locations	3) Mary John of Colons (8) Mary Hard Colons	N		

2.2	SELV circuits		. ∰ P
2.2.1	General requirements	42.4V peak or 60VDC are not exceeded in SELV circuit under normal operation or single fault condition.	P
2.2.2	Voltages under normal conditions (V):	(see appended table 2.2)	P
2.2.3	Voltages under fault conditions (V):	(see appended table 2.2)	P
2.2.4	Connection of SELV circuits to other circuits:	Compliance	P

2.3	TNV circuits		₩ N
2.3.1	Limits	No TNV circuits.	N
	Type of TNV circuits:	S Mig. Sand Colone	N Aller
2.3.2	Separation from other circuits and from accessible parts	C PC E	N
2.3.2.1	General requirements	70 A 70 A	IN Normalian
2.3.2.2	Protection by basic insulation	TA COMMENTE	station of N
2.3.2.3	Protection by earthing	Co Manufacture CO	N
2.3.2.4	Protection by other constructions:	100	N
2.3.3	Separation from hazardous voltages		N #
	Insulation employed:	The Company of the Co	N N N N N N N N N N N N N N N N N N N
2.3.4	Connection of TNV circuits to other circuits	Sillendring C Miles	N
T Know	Insulation employed:		N
2.3.5	Test for operating voltages generated externally	20 M	Manual N

2.4	Limited current circuits	(8) Francisco	Altostano	CO M	P	
2.4.1	General requirements	C August	Annex D1		Р	-711
2.4.2	Limit values	(D.7mA	The Marianes		

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
AST SUC.	Frequency (Hz)	- CO CO -		
al Comp.	Measured current (mA)	0.04		
Allest	Measured voltage (V)	30		
0	Measured capacitance (nF or μF)	K B. T. S.		
2.4.3	Connection of limited current circuits to other circuits	GC Marine	N	

2.5	Limited power sources		® Prestation of C
	a)Inherently limited output	3 Maring a Cook State of the Cook of the C	N
® #	b)Impedance limited output	1 . CO D	N
GC	c)Regulating network limited output under normal operating and single fault condition	The state of the s	P P
	d)Overcurrent protective device limited output	So Maria de Colonia Co	N.
TIM Compliance	Max. output voltage (V), max. output current (A), max. apparent power (VA):	See appended table 2.5.	
(8)	Current rating of overcurrent protective device (A)	To the state of	N 131 Complian
	Use of integrated circuit (IC) current limited	The state of the s	atalion of N

2.6	Provisions for earthing and bonding		N
2.6.1	Protective earthing	Class II equipment.	N N
2.6.2	Functional earthing	The Company of the Column	N
	Use of symbol for functional earthing:	® American Comments	N
2.6.3	Protective earthing and protective bonding conductors		N A
2.6.3.1	General	The state of the s	K ON N
2.6.3.2	Size of protective earthing conductors	State Comment of the State of Comment	N
i to juliance	Rated current (A), cross-sectional area (mm2), AWG:	CC SO	N
2.6.3.3	Size of protective bonding conductors		N #
	Rated current (A), cross-sectional area (mm2), AWG:	® # To design comp	N N
2.6.3.4	Resistance of earthing conductors and their terminations, resistance(Ω), voltage drop(V),test current (A), duration(min)	NO ENTRY IN	N M
2.6.3.5	Colour of insulation:	and O. M. Francisco	N C
2.6.4	Terminals	CC ***	N
2.6.4.1	General		N
2.6.4.2	Protective earthing and bonding terminals	The Bandines	N N Compile

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	EN 60950-1	1	
Clause	Requirement – Test	Result – Remark	Verdict
A Summance	Rated current (A), type and nominal thread diameter (mm):	CO CO	3 N
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors		The Napilarce
2.6.5	Integrity of protective earthing	The Company of the Control of the Co	N
2.6.5.1	Interconnection of equipment		N
2.6.5.2	Components in protective earthing conductors and protective bonding conductors	NO III	N
2.6.5.3	Disconnection of protective earth	The Company of the Co	N
2.6.5.4	Parts that can be removed by an operator	O Manufacture C Manufacture C	N
2.6.5.5	Parts removed during servicing	100	N
2.6.5.6	Corrosion resistance		M N
2.6.5.7	Screws for protective bonding	The state of the s	N
2.6.5.8	Reliance on telecommunication network or cable distribution system	GC CC	N

2.7	Overcurrent and earth fault protection in prima	ry circuits	P
2.7.1	Basic requirements	Protection against overcurrent and short-circuits is provided as an integral part of the equipment. Protection against earth faults is provided as part of the building installation.	P
	Instructions when protection relies on building installation		N
2.7.2	Faults not covered in 5.3.7	Considered	P. III
2.7.3	Short-circuit backup protection	The building installation is considered as providing short circuit backup protection.	Pompilar de la Compilar de la Compil
2.7.4	Number and location of protective devices:	Over current protection by one fuse.	Р
2.7.5	Protection by several devices		N
2.7.6	Warning to service personnel	The state of the s	® Ne atation of

2.8	Safety interlocks	C TO S	N
2.8.1	General principles	No safety interlocks	N
2.8.2	Protection requirements	The state of the s	Compliants N
2.8.3	Inadvertent reactivation	St. June @ St. June On the American Company	N
2.8.4	Fail-safe operation	- CO - CO	N
)al Comp	Protection against extreme hazard	100	N

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Clause	Requirement – Test	Result – Remark	Verdict
2.8.5	Moving parts	GO GO "	N
2.8.6	Overriding		N 📶
2.8.7	Switches and relays	770	The N top and
2.8.7.1	Contact gaps (mm):	K Balance F. Communication of the Communication of	ation of Grand
2.8.7.2	Overload test	Story @ Milliaghillor of C	N
2.8.7.3	Endurance test	7.CO D	N
2.8.7.4	Electric strength test		N 🧖
2.8.8	Mechanical actuators	The Committee of the Co	N estation

2.9	Electrical insulation	9	Р
2.9.1	Properties of insulating materials		Р
2.9.2	Humidity conditioning	# Financiam @ # Financiam	P
-1111	Humidity (%),temperature (°C)	48h, 93%RH, 25.0°C	Р
2.9.3	Grade of insulation	100	Р
2.9.4	Separation from hazardous voltages	12 1111	P Manufact
60	Method(s) used:	Method 1 used.	P

2.10	Clearances, creepage distances and distances	through insulation	Р	
2.10.1	General	100	P	
	Frequency:	50/60Hz	Р	The statio
	Pollution degrees	Pollution degrees 2	Р	bin
	Reduced values for functional insulation	Complied with 5.3.4	Р	-1111
- 6	Intervening unconnected conductive parts		√ P	ubliance
0	Insulation with varying dimensions	THE STATE OF THE S	etation of Global	
	Special separation requirements	A Company of the State of the S	N	
Kampiance Mar	Insulation in circuits generating starting pulses	30	N	
2.10.2	Determination of working voltage		Р	1 3
2.10.3	Clearances	The Manual Community of the Community of	P	station of
2.10.3.1	General	S Francisco	Р	
2.10.3.2	Mains transient voltages	7 700	Р	
We station of Grown	a)AC mains supply:	2500V peak	P	
1	b)Earthed d.c. mains supplies:	The state of the s	N Comm	
	c)Unearthed d.c. main supplies:	O Millionido — C Millionido	N	
校 pliance	d)Battery operation:	100 100 100 100 100 100 100 100 100 100	N	

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.10.3.3	Clearances in primary circuits	(See appended table 2.10.3 and 2.10.4)	ЭР
2.10.3.4	Clearances in secondary circuits	(See appended table 2.10.3 and 2.10.4)	P. The Company
2.10.3.5	Clearances incircuits having starting pulses	And Comments of the State of S	N
2.10.3.6	Transients from a.c. mains supply:	Normal transient voltage considered (overvoltage category II for primary circuit).	Р
2.10.3.7	Transients from d.c. mains supply:	不是	N
2.10.3.8	Transients from telecommunication networks and cable distribution systems:		N
2.10.3.9	Measurement of transient voltage levels		_M N
0	a)Transients from a mains supply	下卷	Jamolianas N
	For a.c. mains supply:	See Support Clothin See Support of Comments	N
THE STATE OF THE S	For d.c. mains supply:	CC - CO	N
Complian	b)Transients from		N
2.10.4	Creepage distances	THE TOTAL PORT OF THE PROPERTY	P
2.10.4.1	General	The accommendation of the second of the seco	testation of P
2.10.4.2	Material group and comparative tracking index	- GO \ OO	Р
Attestation of Global Comm	CTI tests:	Material group IIIb is assumed to be used	P
2.10.4.3	Minimum creepage distances	The Communication (6) The Find Colomb	P 4
2.10.5	Solid insulation	© Marining Co.	P
2.10.5.1	General		Р
2.10.5.2	Distances through insulation	(See appended table 2.10.5)	Th Par
2.10.5.3	Insulation compound as solid insulation	The state of the s	Station of City
2.10.5.4	Semiconductor device	identification of the second o	N
2.10.5.5	Cemented joints		N
2.10.5.6	Thin sheet material - General		Р
2.10.5.7	Separable thin sheet material	The Company of the State Company	® Pinaste
	Number or layers(pcs):	2 layers	-
2.10.5.8	Non-separable thin sheet material		N
2.10.5.9	Thin sheet material – standard test procedure		N N
	Electric strength test	M TANGER	N_
2.10.5.10	Thin sheet material – alternative test procedure	C Finding	Р
K3 - His	Electric strength test	(See appended table 2.10.5)	
2.10.5.11	Insulation in wound components		P ₩

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Clause	Requirement – Test	Result – Remark	Verdict
2.10.5.12	Wire in wound components	CO CO .	Р
Comp	Working voltage		Р
(C) Alleste	a)Basic insulation not under stress:	70	The Number
3	b)Basic, supplementary, reinforced insulation:	K Barrer T. Tomper Company	ation of Com
~ 恒	c)Compliance with Annex U:	(See appended table 1.5.1)	Р
Allostation of Global	Two wires in contact inside wound component; angle between 45° and 90°:	Tube and insulation tape used	Р
2.10.5.13	Wire with solvent-based enamel in wound components	S. F. J. M. Commission of the	C N
	Electric strength test	CC III	N
Alles	Rountine test		, N
2.10.5.14	Additional insulation in wound components	下电流。 不	ompliance N
	Working voltage:	S S S S S S S S S S S S S S S S S S S	N
- FILL	-basic insulation not under stress:	CO = CO	N
Complian	-Supplementary, reinforced insulation:	:11	N
2.10.6	Construction of printed boards	The Companies	P
2.10.6.1	Uncoated printed boards	(See appended table 2.10.3 and 2.10.4)	P
2.10.6.2	Coated printed boards	No such PCB	N
2.10.6.3	Insulation between conductors on the same inner surface of a printed board	· · · · · · · · · · · · · · · · · · ·	N (Quarter N
2.10.6.4	Insulation between conductors on different layers of a printed board	A Marianton	SON **
® ##	Distance through insulation		N
2G	Number of insulation layers(pcs):		J.N
2.10.7	Component external terminations	K Commence	station of N
2.10.8	Tests on coated printed boards and coated components	- CC	N
2.10.8.1	Sample preparation and preliminary inspection		N
2.10.8.2	Thermal conditioning	The Bearing of the State of the	® N
2.10.8.3	Electric strength test	® ## Antibodical Control of State of St	N
2.10.8.4	Abrasion resistance test	7 60	N
2.10.9	Thermal cycling		N M
2.10.10	Test for Pollution Degree 1 environment and insulating compound	A SECOND	N N
2.10.11	Test for semiconductor devices and cemented joints	CC SCC	N
2.10.12	Enclosed and sealed parts	To all the state of the state o	N

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Clause	Requirement – Test	Result – Remark	Verdict
ALL THE	The state of the s	60 60	30
3	WIRING, CONNECTIONS AND SUPPLY		Р
3.1	General	70	The Paragram
3.1.1	Current rating and overcurrent protection	Adequate cross sectional areas on internal wiring.	ation of Gue P
3.1.2	Protection against mechanical damage	Wire do not touch sharp edges and heatsinks which could damage the insulation and cause hazard	Р
3.1.3	Securing of internal wiring	Internal wiring is reliable secured	o P
3.1.4	Insulation of conductors	Insulation on internal conductors is considered to be of adequate quality and suitable for the application and the working voltage involved.	P
3.1.5	Beads and ceramic insulators	No such insulators provided.	N N
3.1.6	Screws for electrical contact pressure	S A Tradicion	N_
3.1.7	Insulating materials in electrical connections	-C 30	N
3.1.8	Self-tapping and spaced thread screws		N
3.1.9	Termination of conductors	All conductors are reliable secured by crimped soldering.	F Coba Con
不恒	10 N pull test	Force of 10 N applied to the termination points of the conductors.	Р
3.1.10	Sleeving on wiring		₩ N
Allesto		The angle of the state of the s	hpliance
3.2	Connection to a mains supply	O A Handard	P
3.2.1	Means of connection:	C final CO	Р
3.2.1.1	Connection to an a.c. mains supply	Plug	P
3.2.1.2	Connection to a d.c. mains supply	Only a.c. mains supply.	N N
3.2.2	Multiple supply connections	Only for one mains connection.	N
3.2.3	Permanently connected equipment	c.C **	N
opal comme	Number of conductors, diameter (mm) of cable and conduits:		
3.2.4	Appliance inlets	S Me and Com	N
3.2.5	Power supply cords	CC N	N
3.2.5.1	AC power supply cords		N I
Allesta	Туре:	The till the state of the state	
line	Rated current (A), cross-sectional area (mm²), AWG	- C. M. J. C. C. M. J. C. C. M. J. C. C. C. M. J. C. C. C. M. J. C.	
3.2.5.2	DC power supply cords	100	N
3.2.6	Cord anchorages and strain relief	10 June	N *

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Clause	Requirement – Test	Result – Remark	Verdict	
11 THE	Mass of equipment (kg), pull (N):	CO CO		
Coult	Longitudinal displacement (mm):			
3.2.7	Protection against mechanical damage	1111	N	
3.2.8	Cord guards	K Branco II. Company @ #	ation of Charles	
~ 核	D (mm); test mass (g):	Son State of		
Jion of Global O	Radius of curvature of cord (mm):	-GO D		
3.2.9	Supply wiring space	:iii	N zz 1	

3.3	Wiring terminals for connection of external con-	ductors	N
3.3.1	Wiring terminals		N
3.3.2	Connection of non-detachable power supply cords	T. B. W.	N
3.3.3	Screw terminals	© Amelanico de Companyo de Com	N
3.3.4	Conductor sizes to be connected	60 100	N
(S #	Rated current (A), cord/cable type, cross-sectional area (mm²):	The state of the s	
3.3.5	Wiring terminal sizes	不是 The state of t	N N
The Total Com	Rated current (A), type and nominal thread diameter (mm):	SCO FOO	
3.3.6	Wiring terminals design		N N
3.3.7	Grouping of wiring terminals	The Company of the Co	N 🧟
3.3.8	Stranded wire	® ## distribution of the state	N

3.4	Disconnection from the mains supply		Pitcompliance
3.4.1	General requirement	The part of the pa	P P
3.4.2	Disconnect devices	Plug	Р
3.4.3	Permanently connected equipment	- 60	N
3.4.4	Parts which remain energized	When plug withdraw, no hazards	Р
3.4.5	Switches in flexible cords	The Manual State of the State o	® Natestation?
3.4.6	Single-phase equipment and d.c. equipment	8 America Com	Р
3.4.7	Three-phase equipment	Single phase equipment.	N
3.4.8	Switches as disconnect devices	No such devices	N III
3.4.9	Plugs as disconnect devices	No power supply cord	N N
3.4.10	Interconnected equipment	Not interconnected equipment.	N
3.4.11	Multiple power sources	Only one supply connection provided.	N

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Clause	Requirement – Test	Result – Remark	Verdict	
111 m	The state of the s	GO GO .	30	
3.5	Interconnection of equipment		Р	
3.5.1	General requirements	- 10	The Paralle	
3.5.2	Types of interconnection circuits:	SELV circuit only.	Р	
3.5.3	ELV circuits as interconnection circuits	No ELV connection.	N	
3.5.4	Data ports for additional equipment	-CO	Р	
Attes	C	11000000000000000000000000000000000000	- 4	
4	PHYSICAL REQUIREMENTS	T. T. Common	Prestati	
4.1	Stability	3 American de Maria d	N	
® #	Angle of 10°		N	
GO	Test: force (N)		N	
		The state of the s		
4.2	Mechanical strength	-C ***	Р	
4.2.1	General		Р	
® 4	Rack-mounted equipment.	The Marianto	N	
4.2.2	Steady force test, 10 N	The state of the s	restation of P	
4.2.3	Steady force test, 30 N	CO TO SO	N	
4.2.4	Steady force test, 250 N	250N applied to outer enclosure. No energy or other hazards.	P	
4.2.5	Impact test	报型 下於	npliance N	
	Fall test	O Maria	N	
	Swing test	- 60	N	
4.2.6	Drop test; height(m):	3 times, 1m, no hazards	P.	
4.2.7	Stress relief test	76℃, 7 hours, no hazard	The Promote	
4.2.8	Cathode ray tubes	No cathode ray tube.	station of N	
	Picture tube separately certified:	No. Co. Williams	N	
4.2.9	High pressure lamps	No high pressure lamp	N	
4.2.10	Wall or ceiling mounted equipment; force (N):	10000000000000000000000000000000000000	N	
		Standard Company	C Allest	
4.3	Design and construction	- C - N	Р	
4.3.1	Edges and corners	Edges and corners are rounded.	P	
4.3.2	Handles and manual controls; force (N):	· 校 测	Compliance N	
4.3.3	Adjustable controls	acte () The stand of column () () The standard of column ()	N	
4.3.4	Securing of parts	CO - CO	Р	
4.3.5	Connection of plugs and sockets	No. 1	Р	
126		173	5 %	

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Direct plug-in equipment

4.3.6



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Clause	Requirement – Test	Result – Remark	Verdict		
KE MANCO	Torque ::	0.028Nm max	Р		
	Compliance with the relevant mains plug standard	EN 50075, BS1363			
4.3.7	Heating elements in earthed equipment	No heating elements.	To of Close N		
4.3.8	Batteries	See below	Р		
- F Global Com	-Overcharging of a rechargeable battery	See appended table 4.3.8 &5.3	N		
Allestation	-Unintentional charging of a non-rechargeable battery	Rechargeable	N		
	-Reverse charging of a rechargeable battery	Prevented	N		
	-Excessive discharging rate for any battery	See appended table 4.3.8 &5.3	Р		
4.3.9	Oil and grease	No Oil and grease.	_M N		
4.3.10	Dust, powders, liquids and gases	Equipment in intended use not considered to be exposed to these.	Sempleance N		
4.3.11	Containers for liquids or gases	No containers for liquids or gases	N		
4.3.12	Flammable liquids:	CO 10	N		
8 %	Quantity of liquid (I):	· ·	N®		
60	Flash point (°C)	The state of the s	N		
4.3.13	Radiation; type of radiation:	The comment of the control of the co	Р		
4.3.13.1	General		Р		
4.3.13.2	Ionizing radiation	No such radiation	₩ N		
	Measured radiation (pA/kg):	T. W			
	Measured high-voltage (kV):	© Min Jacob Colone			
Z	Measured focus voltage (kV):				
(C) THE STATE OF T	CRT markings:				
4.3.13.3	Effect of ultraviolet (UV) radiation on materials		N		
ling:	Part, property, retention after test, flammability classification:	C. Francisco C. C. T.	N		
4.3.13.4	Human exposure to ultraviolet (UV) radiation:	CO P.	N		
4.3.13.5	Lasers (including laser diodes) and LEDs	也 测	P		
4.3.13.5.1	Lasers (including laser diodes)	No laser	N		
ૠે	Laser class:	2.C 3			
4.3.13.5.2	Light emitting diodes (LEDs)	LED for indication only	P		
4.3.13.6	Other types:		N N		

4.4	Protection against hazardous moving parts	2.C ****	N
4.4.1	General	No hazardous moving parts.	N
4.4.2	Protection in operator access areas	The Management of the Company of the	N 102 complian

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Touch temperature limits

Resistance to abnormal heat

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Clause	Requirement – Test	Result – Remark	Verdict
4.4.3	Protection in restricted access locations	CO CO	N
4.4.4	Protection in service access areas		N sal
4.4.5	Protection against moving fan blades		The Name
4.4.5.1	General	K Barbara S. A. Company C. S.	ation of San N
不相	Not considered to cause pain or injury. a):	a filtration of SCO	N
The Chopal Canal	Is considered to cause pain, not injury. b):	CO E	N
Alles	Considered to cause injury. c):		N
4.4.5.2	Protection for users	The Company of the Company	N
	Use of symbol or warning:	Standard Control of Standa	N
4.4.5.3	Protection for service persons		N
30	Use of symbol or warning:		M Samuel
		March State Comme @ # John of Colomb	- C
4.5	Thermal requirements	C. T. C.C.	Р
4.5.1	General	100	Р
4.5.2	Temperature tests	(see appended table 4.5)	R
0	Normal load condition per Annex L:	The state of the s	
4.5.3	Temperature limits for materials	(see appended table 4.5)	Р

4.6	Openings in enclosures	® Market American	P
4.6.1	Top and side openings	No opening	Р
- C BER	Dimensions (mm):	-1011	
4.6.2	Bottoms of fire enclosures	No opening	P
	Construction of the bottom:	Codul Com San	
4.6.3	Doors or covers in fire enclosures	No doors and covers	N
4.6.4	Openings in transportable equipment	No opening	Р
4.6.4.1	Constructional design measures	The Companies The Companies	® N state
	Dimensions(mm)	® ## Japan of Clubs 8 ## Japan of the Clubs	N
4.6.4.2	Evaluation measures for larger openings	J GO D	N
4.6.4.3	Use of metallized parts	·in	₹ [†] N
4.6.5	Adhesives for constructional purposes	No adhesives for constructional purpose.	N
LITE:	Conditioning temperature (°C), time (weeks):	-6	

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4.5.4

4.5.5

(see appended table 4.5)

(see appended table 4.5)



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Clause	Requirement – Test	Result – Remark	Verdict
4.7	Resistance to fire	CO CO	Р
4.7.1	Reducing the risk of ignition and spread of flame	Use of materials with the requiredflammability classes.	Р
GC Files	Method 1, selection and application of components wiring and materials	Method 1 used	Find Pombe
是 In the	Method 2, application of all of simulated fault condition tests	CG MAN NO	N
4.7.2	Conditions for a fire enclosure	With having the following parts: - components in primary - components in secondarycircuits - Insulated wiring the fire enclosure is required.	P
4.7.2.1	Parts requiring a fire enclosure	The fire enclosure prevent the fire spread	P
4.7.2.2	Parts not requiring a fire enclosure	A Transferred Front	N
4.7.3	Materials A Marketin A	S Manufacture C Manufacture	P
4.7.3.1	General	PCB rated V-0, fire enclosure used	Р
4.7.3.2	Materials for fire enclosures	(See appended table 1.5.1)	P₩
4.7.3.3	Materials for components and other parts outside fire enclosures	Katemania @ Managara Comme Co	N N
4.7.3.4	Materials for components and other parts inside fire enclosures	Internal components except small parts are V-2 or better.	Р
4.7.3.5	Materials for air filter assemblies	No air filter assemblies	James N
4.7.3.6	Materials used in high-voltage components	No high voltage components.	N @

5	ELECTRICAL REQUIREMENTS AND SIMULATI	ED ABNORMAL CONDITIONS	Р
5.1	Touch current and protective conductor current		Р
5.1.1	General	A MILE STATE OF THE STATE OF TH	P
5.1.2	Equipment under test (EUT)	Sharonii 8 & Sandalanii 20 3	Р
5.1.2.1	Single connection to an a.c. mains supply	2C = 30	Р
5.1.2.2	Redundant multiple connections to an a.c. mains supply		N
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	@ # The decided Course @ # The decided Course of Course	N Notes and
5.1.3	Test circuit	0 000	Р
5.1.4	Application of measuring instrument	110	P P
5.1.5	Test procedure	W Thomas of Face	P
5.1.6	Test measurements	C Francisco - C Francisco	Р
Kampiane .	Test voltage (V):	264V/60Hz	
(B)	Measured touch current (mA):	(see appended table 5.1)	

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Requirement – Test

Clause

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Verdict

	1 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10			
#51 mm	Max. allowed touch current (mA):	(see appended table 5.1)		
al Comp.	Measured protective conductor current (mA):			
R Allest	Max. allowed protective conductor current (mA) :	70		
5.1.7	Equipment with touch current exceeding 3.5 mA:	The Company (S. 1884)	ation of Com	
5.1.7.1	General:	Second Se	N	
5.1.7.2	Simultaneous multiple connections to the supply	- GO 13	N	
5.1.8	Touch currents to and from telecommunication networks and cable distribution systems and from telecommunication networks			
5.1.8.1	Limitation of the touch current to a telecommunication network and a cable distribution system	J. B.C.	N	
0	Test voltage (V):	A St. Williams F. St.	ompha N	
	Measured touch current (mA):	© Afficiation of Control American	N	
A TIME	Max. allowed touch current (mA):	60 00	N	
5.1.8.2	Summation of touch currents from telecommunication networks	11 11 11 11 11 11 11 11 11 11 11 11 11	N King and a simple of the sim	
O	a)EUT with earthed telecommunication ports:	The Company © Management of Control	Hestation of N	
五 环 松	b)EUT whose telecommunication ports have no reference to protective earth	100 FO	N	
5.2	Electric strength	T. T.	P = #	
5.2.1		(see appended table 5.2)	(8) All (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
	General	(See appended table 5.2)	P	
5.2.2		(see appended table 5.2)	P	
5.2.2	Test procedure	(see appended table 3.2)		
5.2.2 5.3		(see appended table 5.2)		
® ##	Test procedure	(see appended table 5.2)	P	
5.3	Abnormal operating and fault conditions Protection against overload and abnormal		P	
5.3 5.3.1	Abnormal operating and fault conditions Protection against overload and abnormal operation		P P	
5.3 5.3.1 5.3.2	Abnormal operating and fault conditions Protection against overload and abnormal operation Motors	(see appended table 5.3)	P P P N	
5.3 5.3.1 5.3.2 5.3.3	Abnormal operating and fault conditions Protection against overload and abnormal operation Motors Transformers	(see appended table 5.3) (See appended Annex C) Functional insulation complied with the requirements c). No such components	P P N P	
5.3 5.3.1 5.3.2 5.3.3 5.3.4	Abnormal operating and fault conditions Protection against overload and abnormal operation Motors Transformers Functional insulation	(see appended table 5.3) (See appended Annex C) Functional insulation complied with the requirements c).	P P N P	
5.3 5.3.1 5.3.2 5.3.3 5.3.4 5.3.5	Abnormal operating and fault conditions Protection against overload and abnormal operation Motors Transformers Functional insulation	(see appended table 5.3) (See appended Annex C) Functional insulation complied with the requirements c). No such components	P P N P N N N	
5.3 5.3.1 5.3.2 5.3.3 5.3.4 5.3.5 5.3.6	Test procedure Abnormal operating and fault conditions Protection against overload and abnormal operation Motors Transformers Functional insulation	(see appended table 5.3) (See appended Annex C) Functional insulation complied with the requirements c). No such components No any amplifiers	P P N P N N N N	

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Result - Remark

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and shall			-cill	
EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
5.3.9.1	During the tests	Neither fire burns the equipment nor molten metal.	P	
5.3.9.2	After the tests	No hazards	P	

6	CONNECTION TO TELECOMMUNICATION NETWORKS		N	
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment			
6.1.1	Protection from hazardous voltages Separation of the telecommunication network from earth			
6.1.2				
6.1.2.1	Requirements		N	
8 8	Test voltage (V):	100		
60	Current in the test circuit (mA):			
6.1.2.2	Exclusions:	The Course of th	N.	

6.2	Protection of equipment users from overvoltages on telecommunication networks		
6.2.1	Separation requirements Electric strength test procedure		NE
6.2.2			N
6.2.2.1	Impulse test	- Francisco CO	N
6.2.2.2	Steady-state test	No insulation breakdown	N
6.2.2.3	Compliance criteria	Compliance	₩ N

6.3	Protection of the telecommunication wiring system from overheating		
	Max. output current (A):		
® 4	Current limiting method:		

7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS				
7.1	Genreal	Some Some Some Some Some Some Some Some	N		
7.2	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	AGO AND	N 8 Milestolina d		
7.3	Protection of equipment users from overvoltages on the cable distribution system	State of the second sec	N		
7.4	Insulation between primary circuits and cable distribution systems	1 1 1 1	N Samuel N		
7.4.1	General	S S S S S S S S S S S S S S S S S S S	N		
7.4.2	Voltage surge test	CC - GO	N		
7.4.3	Impulse test		N		

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Clause	Requirement – Test	Result – Remark	Verdict				
A	ANNEX A, TESTS FOR RESISTANCE TO HEAT		N				
A.1	Flammability test for fire enclosures of movable ed						
8 %	exceeding 18 kg, and of stationary equipment (see		N I				
A.1.1	Samples:	· 投票 不是 第 。 《 集					
*45	Wall thickness (mm):	and the state of t					
A.1.2	Conditioning of samples; temperature (°C):	3,110	N				
A.1.3	Mounting of samples:						
A.1.4	Test flame (see IEC 60695-11-3)	The Manual Company	N				
	Flame A, B, C or D:	O Marian di Godonio (S. Marian di Godonio (S					
A.1.5	Test procedure	,	N				
A.1.6	Compliance criteria		. ≉ N				
G	Sample 1 burning time (s):	The State of the S					
	Sample 2 burning time (s):	® America Company					
A Marco	Sample 3 burning time (s):						
A.2 @ 4	Flammability test for fire enclosures of movable ed exceeding 18 kg, and for material and component 4.7.3.2 and 4.7.3.4)		N to				
A.2.1	Samples, material:	CO TO					
The New York	Wall thickness (mm):						
A.2.2	Conditioning of samples		N				
A.2.3	Mounting of samples:	The Companies Of the Frederick	N 🍇				
A.2.4	Test flame (see IEC 60695-11-4)	© # named on a Co	N				
	Flame A, B or C:						
A.2.5	Test procedure		Th N St.				
A.2.6	Compliance criteria	THE MAN THE COMMANDE SERVICES	N N				
~11	Sample 1 burning time (s):	Color					
Kingliance His	Sample 2 burning time (s):	- 60					
obal	Sample 3 burning time (s):						
A.2.7	Alternative test acc. To IEC 60695-2-2, cl. 4 and 8	The tempore	N				
	Sample 1 burning time (s):	© Martin of Good Community of Martin of the Affect of the					
不不	Sample 2 burning time (s):	O D					
Milestation of Gro	Sample 3 burning time (s):						
A.3	Hot flaming oil test (see 4.6.2)	The state of the s	N_				
A.3.1	Mounting of samples	6 3 de la companya del companya de la companya del companya de la	N				
A.3.2	Test procedure	700 700	N				
A.3.3	Compliance criterion	1111	N ₩				

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Р

	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
42 mm	A M. S. A. S. A. COMP. O. H. A. COMP.	30 30	6	
B	ANNEX B, MOTOR TESTS UNDER ABNORMAL 5.3.2)	CONDITIONS (see 4.7.2.2 and	N W	
B.1	General requirements	No motor	N Glor N	
als:	Position	and come a first of come of the		
- F Global Co	Manufacturer	CO ***		
Altestation	Туре			
	Rated values	The Manual State of the State o		
B.2	Test conditions	3 May John of Charles (6) May Land and Co	N	
B.3	Maximum temperatures	, " CO D	N	
B.4	Running overload test	:111	, 🛝 N	
B.5	Locked-rotor overload test		complian N	
	Test duration (days):	© Figure and the state of the s		
I July	Electric strength test: test voltage (V):	GO 100		
B.6	Running overload test for d.c. motors in secondary circuits			
B.6.1	General	K Common @ Manager of the state	Masterion W	
B.6.2	Test procedure	- GO - GO	N	
B.6.3	Alternative test procedure		N N	
B.6.4	Electric strength test; test voltage (V)	The state of the s	mpliance N	
B.7	Locked-rotor overload test for d.c. motors in secon	dary circuits	N	
B.7.1	Test procedure	E Financial CO	N	
B.7.2	Alternative test procedure; test time (h):		N	
B.7.3	Electric strength test		IN	
B.8	Test for motors with capacitors	K Condunes E The Comme	station of N	
B.9	Test for three-phase motors	Com Control Control	N	
B.10	Test for series motors	CO E	N	
~ C	Operating voltage (V):			
		The Comment of the State of Comment	Alleste Alleste	
C	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.	3)	Р	
事 玩	Position:	Soldered on PCB		
Allestation	Manufacturer:	See append table 1.5.1		
	Туре:	See append table 1.5.1		
-711	Rated values:	See append table 1.5.1		

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Method of protection:

Overload test

C.1

Protective circuit

See append table 5.3



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Clause	Requirement – Test	Result – Remark	Verdict
C.2	Insulation	(see appended table 5.2)	Р
Comp	Protection from displacement of windings:	By bobbin and tape	Р
	ANNEX D. ME ANDRUG MOTOUMENTO FOR T	OUDDENT TESTON	F of Company
D	ANNEX D, MEASURING INSTRUMENTS FOR TO	DUCH-CURRENT TESTS (see 5.1.4)	_{station o} P
D.1	Measuring instrument	State of the state	P
D.2	Alternative measuring instrument	-GO	N
Alles	C	11000000000000000000000000000000000000	- 4
E	ANNEX E, TEMPERATURE RISE OF A WINDING	6 (see 1.4.13)	N

	3.W. "Co	El Comp	annoal Comment	Allesti		
F®	ANNEX F, N	MEASUREMEN	T OF CLEARAN	CES AND CREE	PAGE DISTANCES	Р
	(see 2.10)					L FILL

G	ANNEX G, ALTERNATIVE METHOD FOR DETER	MINING MINIMUM CLEARANCES	N		
G.1	Clearances	60 00	N		
G.1.1	General		N		
G.1.2	Summary of the procedure for determining minimum clearances				
G.2	Determination of mains transient voltage (V):				
G.2.1	AC mains supply				
G.2.2	DC mains supply	· · · · · · · · · · · · · · · · · · ·	mpliance N		
G.2.3	Unearthed DC mains supply:	© Francisco	N State of		
G.2.4	Battery operation:		N		
G.3	Determination of telecommunication network transient voltage (V):		N M		
G.4	Determination of required withstand voltage (V) .:	TE TO THE STATE OF	atelion of Chapter		
G.4.1	Mains transients and internal repetitive peaks:	Godine Co. S. Martin of Co.	N		
G.4.2	Transients from telecommunication networks:	GC "	N		
G.4.3	Combination of transients		N		
G.4.4	Transients from cable distribution systems	The Companies The Communication of the Communicatio	® Nate station		
G.5	Measurement of transient levels (V):	® ## Julion of Cools	N		
不死	a) Transients from a mains supply	J - CO D	N		
Mestalion of Gro	For an a.c. mains supply	100	N		
	For a d.c. mains supply	M Tradition of Fig.	al Conn		
-0	b) Transients from a telecommunication network	- C	N		
G.6	Determination of minimum clearances:	60 00	N		

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				-11111	-ctll
EN 60950-1					
Requirement – Test		Res	sult – Remark		Verdict
ANNEX H, IONIZING	RADIATION (see	e 4.3.13)		C N	N
	'	Requirement – Test		Requirement – Test Result – Remark	Requirement – Test Result – Remark

J James at a state of the state	J ANNEX J, TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)				The Normalization
0	Metal used:	K Compliance	The Kinghamo	8 5	

K Man of Change	ANNEX K, THERMAL CONTROLS (see 1.5.3 and	5.3.7)	N
K.1	Making and breaking capacity		N A
K.2	Thermostat reliability; operating voltage (V):	The State of the S	Nestation
K.3	Thermostat endurance test; operating voltage (V)	S. C.C.	N
K.4	Temperature limiter endurance; operating voltage (V):	T IN THE STATE OF	N N
K.5	Thermal cut-out reliability	10 Section of Control	N.
K.6	Stability of operation	CC - GO	N

LGC *	ANNEX L, NORMAL LOAD CONDITIONS FOR SOBUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1)	OME TYPES OF ELECTRICAL	Parador of Coopa Compi
L.1	Typewriters	CO Marie CO	N
L.2	Adding machines and cash registers	100	N
L.3	Erasers		N N
L.4	Pencil sharpeners	The Completion of the State of Columbia	N 🧟
L.5	Duplicators and copy machines	@ #	N
L.6	Motor-operated files		N
L.7	Other business equipment	The state of the s	Pampian

M	ANNEX M, CRITERIA FOR TELEPHONE RINGIN	G SIGNALS (see 2.3.1)	N
M.1	Introduction	30	N
M.2	Method A		N
M.3	Method B	The Manufacture The State Company	N Attestation C
M.3.1	Ringing signal	® ## January Community Of The English of The State of the	N
M.3.1.1	Frequency (Hz)) (GO)	
M.3.1.2	Voltage (V):	10	
M.3.1.3	Cadence; time (s), voltage (V):	M The Common of the state of	
M.3.1.4	Single fault current (mA):	8 American VIII American Ameri	
M.3.2	Tripping device and monitoring voltage:	700	N
. 175			

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Clause	Requirement – Test	Result – Remark	Verdic
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage	CC CC	N
M.3.2.2	Tripping device		N
M.3.2.3	Monitoring voltage (V):	E THE STATE OF THE	Allon of Glob N
2/3	111 OF F. COMP.	Golden Conni	Alles
W F Thomas Co	ANNEX N, IMPULSE TEST GENERATORS (see clause G.5)	2.10.3.4, 6.2.2.1, 7.3.2 and	N
N.1	ITU-T impulse test generators	The state of the s	® N
V.2	IEC 60065 impulse test generator	S A A Colonia Conne	N
	F. Scholard F. J. Commission of the Action of the Commission of th	20	
	ANNEX P, NORMATIVE REFERENCES		N N
0	100	the state of the s	The Compliance
Q	ANNEX Q, Voltage dependent resisters (VDRS)	(see 1.5.9.1)	N.
- July	-Preferred climatic categories	No VDR used	N
omplian	-Maximum continuous voltage:	:11	N
-C 3	-Combination pulse current:	The Companies	N
0	Body of the VDR Test according to IEC60695-11-5	The state of the s	N
Figure Global Com	Body of the VDR. Flammability class of material (min V-1)	70	N
			A Compilar
R	ANNEX R, EXAMPLES OF REQUIREMENTS FO PROGRAMMES	R QUALITY CONTROL	N 3
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6)		N
₹.2	Reduced clearances (see 2.10.3)	The state of the s	N Station of Color
line	THE THE SECOND S	of Global Co. State of Catalian of Catalian Co.	Am
3 Juliance	ANNEX S, PROCEDURE FOR IMPULSE TESTIN	G (see 6.2.2.3)	N
5.1	Test equipment		N
S.2	Test procedure	The Company of The The Company	N
S.3	Examples of waveforms during impulse testing	® ## Jahron Good @ ## Jahron of Cook	N
不	Office of the state of the stat		
Affestation of Circ	ANNEX T, GUIDANCE ON PROTECTION AGAIN (see 1.1.2)	ST INGRESS OF WATER	The second second
	拉那 东楚	plance (8) Mar Japan (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	not a
J AM	ANNEX U, INSULATED WINDING WIRES FOR U	ISE WITHOUT INTERLEAVED	Р

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
V 1	ANNEX V, AC POWER DISTRIBUTION SYSTEM	S (see 1.6.1)	P
V.1	Introduction		Р
V.2	TN power distribution systems		Р
5	The Schooling	TA TELEVISION OF THE PERSON OF	astation of Gio
W	ANNEX W, SUMMATION OF TOUCH CURRENT	S S	N
W.1	Touch current from electronic circuits	NGO EN	N
W.1.2	Earthed circuits		N
W.2	Interconnection of several equipments	The Company of the Address of the Company	N
W.2.1	Isolation		N
W.2.2	Common return, isolated from earth	100	N
W.2.3	Common return, connected to protective earth	1111	N
	<i>iii</i>	M. S.	
X	ANNEX X, MAXIMUM HEATING EFFECT IN TRA	ANSFORMER TESTS (see clause	N
X.1 @ 4	Determination of maximum input current		N
X.2	Overload test procedure	The State Comment	N
	The state of the s	The Company Co	Attesta
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONIN	G TEST (see 4.3.13.3)	N
Y.1	Test apparatus:		N
Y.2	Mounting of test samples:	拉那 五	N
Y.3	Carbon-arc light-exposure apparatus:	© American	N
Y.4	Xenon-arc light exposure apparatus:		N
(C) \$5.			恒
Z	ANNEX Z, OVERVOLTAGE CATEGORIES(see2.	.10.3.2 and Clause G.2)	N
		The Company of the Control of the Co	ttestall
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)	-C ************************************	N
oal Comp.	C. C. C.	30	
вв	ANNEX BB, CHANGES IN THE SECOND EDITION	ON BEEN TREE	
	· 发现 发现	@ A Thomas Com	EG AME
CC	ANNEX CC, Evaluation of integrated circuit (IC)) circuit limiters	N
CC.1	General	line.	N
CC.2	Test program 1:	水 地	N
CC.3	Test program 2:	of the State of Colors State of State of Colors	N
CC.4	Test program 3:	Allow	N
CC.5	Compliance:		N

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100			EN 60950-1		
	Clause	Requirement – Test		Result – Remark	Verdict

DD	ANNEX DD, requirements for the mounting means of rack-mounted equipment		N
DD.1	General		N
DD.2	Mechanical strength test, variable N	K Barrier K. K. Commission of the Commission of	N
DD.3	Mechanical strength test, 250N, including end stops:	CC MANAGE	N
DD.4	Compliance:		N

EE	ANNEX EE, Household and home/office docume	nt/media shredders	N
EE.1	General	, GO B	N
EE.2	Marking and instructions		N
	Use of markings or symbols:	T. T	N
	Information of user instructions, maintenance and/or servicing instructions:	CC ***********************************	N
EE.3	Compliance :::	;ii)	N
EE.4	Disconnection of power to hazardous moving parts:	The state of the s	N
	Use of markings or symbols:	CG Town	N
EE.5	Protection against hazardous moving parts		N
inestation of	Test with test finger (figure 2A):		N
	Test with wedge probe (figure EE1 and EE2):	The Manual Contractor	N

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				EN 60950-1			
Clause	Requirem	nent – Test			Res	sult – Remark	Verdict
1111	EN 60950	-1:2006/A11:20	09/A1:2010/A	12:2011 – CENI	ELEC COMM	ON MODIFICATION	S
bal Compile		subclauses, no 50-1 and it's ar		d figures which a prefixed "Z"	are additional	to those	
Contents (A2:2013)	Add the for Annex ZA	ollowing annexe	es: Normative refe corresponding	rences to intern European public		tions with their	F. Ponto
Alfestation of	3,462	,		LEC code desig		1175	
General		the —countryll to the following		eference docum	ent (IEC 6095	60-1:2005)	P 4
	1.4.8	Note 2	1.5.1	Note 2 & 3	1.5.7.1	Note	
	1.5.8	Note 2	1.5.9.4	Note	1.7.2.1	Note 4, 5 & 6	
	2.2.3	Note	2.2.4	Note	2.3.2	Note	Compliance ##
	2.3.2.1	Note 2	2.3.4	Note 2	2.6.3.3	Note 2 & 3	\ < G
	2.7.1	Note	2.10.3.2	Note 2	2.10.5.13	Note 3	
	3.2.1.1	Note	3.2.4	Note 3	2.5.1	Note 2	યક્તિ
	4.3.6	Note 1 & 2	4.7	Note 4	4.7.2.2	Note	T Global Cor
	4.7.3.1	Note 2	5.1.7.1	Note 3 & 4	5.3.7	Note 1	Attestation 0.
	6	Note 2 & 5	6.1.2.1	Note 2	6.1.2.2	Note	
	6.2.2	Note	6.2.2.1	Note 2	6.2.2.2	Note	LITT:
	7.1	Note 3	7.2	Note	7.3	Note 1 & 2	Ompliance
	G.2.1	Note 2	Annex H	Note 2			® ##
General (A1:2010)		to the following lote	g list:	erence documer 1 Note 2 Note	nt (IEC 60950	-1:2005/A1:2010)	G P
General (A2:2013)	according 2.7.1 Not 6.2.2. No	g to the following e * 2.10.3.1 Not te	g list: te 2	erence documer Modification rema	GC #	-1:2005/A2:2013) ed.	<u></u>
1.1.1 (A1:2010)	Replace to NOTE 3 To multimedia	the text of NOT he requirements	E 3 by the folloof F EN 60065 ma IEC Guide 112	owing. ay also be used to	meet safety re	TK bal Complia	5C

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.3.Z1	Add the following subclause:	a C	
	1.3.Z1 Exposure to excessive sound pressure		
	The apparatus shall be so designed and constructed as to present no danger when used for its intended purpose, either in normal operating conditions or under fault conditions, particularly providing protection against exposure to excessive sound pressures from headphones or earphones.	Tr. Branco	The state of the s
	NOTE Z1 A new method of measurement is described in EN 50332-1, Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 1: General method for "one package equipment", and in EN 50332-2, Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 2: Guidelines to associate sets with headphones coming from different manufacturers.	GC Manufacture of the state of	N N M M M M M M M M M M M M M M M M M M
(A12:2011)	In EN 60950-1:2006/A12:2011	100	
	Delete the addition of 1.3.Z1 / EN 60950-1:2006	300	N also
	Delete the definition 1.2.3.Z1 / EN 60950-1:2006 /A1:2010	The Compliance	The Model Con
1.5.1	Add the following NOTE:	® # Annor of Guran	Managarion of Co.
(Added info*)	NOTE Z1 The use of certain substances in electrical and electronic equipment is restricted within the EU: see Directive	SC TO SCO	N
1.7.2.1 (A1:2010)	In addition, for a PORTABLE SOUND SYSTEM, the instructions shall include a warning that excessive sound pressure from earphones and headphones can cause hearing loss.	Complainte (S. A. S. A.	N
1.7.2.1 (A12.2011)	In EN 60950-1:2006/A12:2011 Delete NOTE Z1 and the addition for Portable Sound System. Add the following clause and annex to the existing standard and amendments.	The state of the s	N 3
	Zx Protection against excessive sound pressure from person	nal music players	= (
	Zx.1 General This sub-clause specifies requirements for protection against excessive sound pressure from personal music players that are closely coupled to the ear. It also specifies requirements for earphones and headphones intended for use with personal music players.	A THE STATE OF THE	N N
	 A personal music player is a portable equipmentfor personal use, that: is designed to allow the user to listen to recorded or broadcast sound or video; and primarily uses headphones or earphones that can be worn in or on or around the ears; allows the user to walk around while in use. 		K A A A A A A A A A A A A A A A A A A A

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
THE THE STATE OF T	NOTE 1 Examples are hand-held or body-worn portable CD players, MP3 audio players, mobile phones with MP3 type features, PDA's or similar equipment.	FCC .	N N
	A personal music player and earphones or headphones intended to be used with personal music players shall comply with the requirements of this sub-clause.	E To de de company	The Army Committee of
	The requirements in this sub-clause are valid for music or video mode only.	, m	
	 The requirements do not apply: while the personal music player is connected to an external amplifier; or while the headphones or earphones are not used. NOTE 2 An external amplifier is an amplifier which is not part of the personal music player or the listening device, but which is intended to play the music as a standalone music player. 		GC F
	The requirements do not apply to: hearing aid equipment and professionalequipment; NOTE 3 Professional equipment is equipment sold through special sales channels. All products sold through normal electronics stores are considered not to be professional equipment. - analogue personal music players (personal music players without any kind of digitalprocessing of the sound signal) that are brought to the market before the end of 2015. NOTE 4 This exemption has been allowed because this		Some AGE TO THE STATE OF THE ST
	technology is falling out of use and it is expected that within a few years it will no longer exist. This exemption will not be extended to other technologies. For equipment which is clearly designed or intended for use by	E Manufacture Co. Manufacture Co.	CC M
	young children, the limits of EN 71-1 apply.	PGO	
CC F	Zx.2 Equipment requirements No safety provision is required for equipment that complies with the following: - equipment provided as a package (personal music player		Manager of the N
	with its listening device), wherethe acoustic output LAeq,T is ≤ 85 dBA measured while playing the fixed programme simulation noise as described in EN 50332-1; and a personal music player provided with an analogue electrical		© 45%
	output socket for a listening device, where the electrical output is ≤ 27 mV measured as described in EN 50332-2, while playing the fixed "programme simulation noise" as described in EN 50332-1.	GC Market Barbara	GC in
	NOTE 1 Wherever the term acoustic output is used in this clause, the 30 s A-weighted equivalent sound pressure level LAeq,T is meant. See also Zx.5 and Annex Zx.	To the state of th	环 总 incommond

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	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
TE THE STATE OF TH	All other equipment shall: a) protect the user from unintentional acoustic outputs exceeding those mentionedabove; and b) have a standard acoustic output level not exceeding those mentioned above, andautomatically return to an output level	FCC .	N N	
	not exceeding those mentioned above when thepower is switched off; and c) provide a means to actively inform the user of theincreased sound pressure when the equipment is operated with an acoustic output exceeding those mentioned above. Any means used shall be acknowledged by the user before activating a mode of operation which allows for an acoustic output exceeding those mentioned above. The acknowledgement does not need to be repeated more than			
	once every 20 h of cumulative listening time; and NOTE 2 Examples of means include visual or audible signals. Action from the user is always required. NOTE 3 The 20 h listening time is the accumulative listening time, independent how often and how long the personal music player has been switched off.	The state of the s		
	d) have a warning as specified in Zx.3; and e) not exceed the following: 1) equipment provided as a package (player with Its listening device), the acoustic output shall be ≤ 100 dBA measured while playing the fixed "programme simulation noise" described in EN 50332-1; and 2) a personal music player provided with an analogue	Co Martin de Company	O Martin of Grand Com	
	electrical output socket for a listening device, the electrical output shall be ≤ 150 mV measured as described in EN 50332-2, while playing the fixed "programme simulation noise" described in EN 50332-1.	E A A A A A A A A A A A A A A A A A A A	-C	
	For music where the average sound pressure (long term LAeq,T) measured over the duration of the song is lower than the average produced by the programme simulation noise, the warning does not need to be given as long as the average sound pressure of the song is below the basic limit of 85 dBA. In this case T becomes the duration of the song.	ACCOMPANIES CACCO		
	NOTE 4 Classical music typically has an average sound pressure (long term LAeq,T) which is much lower than the average programme simulation noise. Therefore, if the player is capable to analyse the song and compare it with the programme simulation noise, the warning does not need to be given as long as the average sound pressure of the song is below the basic limit of 85 dBA.	E IIII	GC MA	
	For example, if the player is set with the programme simulation noise to 85 dBA, but the average music level of the song is only 65 dBA, there is no need to give a warning or ask an acknowledgement as long as the average sound level of the song is not above the basic limit of 85 dBA.	The state of the s	环龙河 documents	

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EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
	Zx.3 Warning The warning shall be placed on the equipment, or on the packaging, or in the instruction manual and shall consist of the following: - the symbol of Figure 1 with a minimum height of 5 mm; and - the following wording, or similar:	E F. A. C.	The standard of the standard o
	"To prevent possible hearing damage, do not listen at high volume levels for long periods."		N
GC	Alternatively, the entire warning may be given through the equipment display during use, when the user is asked to acknowledge activation of the higher level.	CC E	IX Samuel
	Zx.4 Requirements for listening devices (headphones and	earphones)	N
CC TANK	Zx.4.1 Wired listening devices with analogue input With 94 dBA sound pressure output LAeq,T, the input voltage of the fixed "programme simulation noise" described in EN 50332-2 shall be ≥ 75 mV. This requirement is applicable in any mode where the headphones can operate (active or passive), including any available setting (for example built-in volume level control).		S A LAND OF THE REAL PROPERTY
	NOTE The values of 94 dBA – 75 mV correspond with 85dBA – 27 mV and 100 dBA – 150 mV.	E THE	obali ompliance
GC *	Zx.4.2 Wired listening devices with digital input With any playing device playing the fixed "programme simulation noise" described in EN 50332-1 (and respecting the digital interface standards, where a digital interface standard exists that specifies the equivalent acoustic level), the acoustic output LAeq,T of the listening device shall be ≤ 100 dBA.	NGC #	E THE STATE OF THE
	This requirement is applicable in any mode where the headphones can operate, including any available setting (for example built-in volume level control, additional sound feature like equalization, etc.).	NGC N	N
	NOTE An example of a wired listening device with digital input is a USB headphone.	Orthurice State of Columbian Complaine	C American

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EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
CC TO THE TANK	 Zx.4.3 Wireless listening devices In wireless mode: with any playing and transmitting device playingthe fixed programme simulation noisedescribedin EN 50332-1; and respecting the wireless transmission standards, where an air interface standard exists that specifies the equivalent acoustic level; and with volume and sound settings in the listening device (for example built-in volume level control, additional sound 	AGC AGE AND AGC AGE AND AGC AGE	G THE
	feature like equalization, etc.) set to the combinationof positions that maximize the measured acoustic output for the abovementioned programme simulation noise, the acoustic output LAeq,T of the listening device shall be ≤ 100 dBA.		GC Francis
8	NOTE An example of a wireless listening device is a Bluetooth headphone.	GO P	-700
	Zx.5 Measurement methods Measurements shall be made in accordance with EN 50332-1 or EN 50332-2 as applicable. Unless stated otherwise, the time interval T shall be 30 s.	THE CO	N
	NOTE Test method for wireless equipment provided without listening device should be defined.	The till	玉
2.7.1	Replace the subclause as follows: Basic requirements	© Milliage Production of College Co.	(8) Allestation of Glove
	To protect against excessive current, short-circuits and earth faults in PRIMARY CIRCUITS, protective devices shall be included either as integral parts of the equipment or as parts of the building installation, subject to the following, a), b) and c):		P
	a) except as detailed in b) and c), protective devices necessary to comply with the requirements of 5.3 shall be included as parts of the equipment;	CC F	GC T
CC	b) for components in series with the mains input to the equipment such as the supply cord, appliance coupler, r.f.i. filter and switch, short-circuit and earth fault protection may be provided by protective devices in the building installation;	T. J. M. M. T. C.	The state of the s
	c) it is permitted for PLUGGABLE EQUIPMENT TYPE B or PERMANENTLY CONNECTED EQUIPMENT, to rely on dedicated overcurrent and short-circuit protection in the building installation, provided that the means of protection, e.g. fuses or circuit breakers, is fully specified in the installation instructions.	A Marie Control of the Control of th	SC N
© Figure of Cook	If reliance is placed on protection in the building installation, the installation instructions shall so state, except that for PLUGGABLE EQUIPMENT TYPE A the building installation shall be regarded as providing protection in accordance with the rating of the wall socket outlet.	GO I	Et de mil
2.7.2	This subclause has been declared 'void'.	20	N
3.2.3	Delete the NOTE in Table 3A, and delete also in this table the conduit sizes in parentheses.	in 1	N

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EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
3.2.5.1	Replace "60245 IEC 53" by "H05 RR-F"; "60227 IEC 52" by "H03 VV-F or H03 VVH2-F"; "60227 IEC 53" by "H05 VV-F or H05 VVH2-F2".	PCC .	GU III
	In Table 3B, replace the first four lines by the following: Up to and including 6 0,75 a)	The fill	The station of Global Compilar
	Over 6 up to and including 10 (0,75) b) 1,0	A Talion of Globa	N
	Over 10 up to and including 16 (1,0) c) 1,5	Alless	
	In the conditions applicable to Table 3B delete the words "in some countries" in condition ^{a)} .		4
C	In NOTE 1, applicable to Table 3B, delete the second sentence.	Things (S. M. Janes of Complete	Allestation
3.2.5.1 (A2:2013)	NOTE Z1 The harmonised code designationscorresponding to the IEC cord types are given in Annex ZD	CC N	Р
3.3.4	In Table 3D, delete the fourth line: conductor sizes for 10 to 13 A, and replace with the following:	环境测 五 五	Compliance N
	Over 10 up to and including 16 1,5 to 2,5 1,5 to 4 Delete the fifth line: conductor sizes for 13 to 16 A	stolico et cistorii CO	NG C
4.3.13.6 (A1:2010)	Replace the existing NOTE by the following: NOTE Z1 Attention is drawn to:		42.
	1999/519/EC: Council Recommendation on the limitation of exposure of the general public to electromagnetic fields 0 Hz to 300 GHz, and	Co Marine Co	P P
源 写 d Colon Comp	2006/25/EC: Directive on the minimum health and safety requirements regarding the exposure of workers to risks arising from physical agents (artifical optical radiation).		711) St
	Standards taking into account mentioned Recommendation and Directive which demonstrate compliance with the applicable EU Directive are indicated in the OJEC.	C.C. Martin	C
Annex H	Replace the last paragraph of this annex by:		in:
	At any point 10 cm from the surface of the OPERATOR ACCESS AREA, the dose rate shall not exceed 1 µSv/h (0,1 mR/h) (see NOTE). Account is taken of the background level.	II. Walley	Sentation of Substantian
	Replace the notes as follows:	The station of color	\C
	NOTE These values appear in Directive 96/29/Euratom.	Prin.	
K Global Conin	Delete NOTE 2.	-ml	
Bibliography	Additional EN standards.	The Repulsers	O

	ZA 🔯	NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR	
- 1-			
		CORRESPONDING EUROPEAN PUBLICATIONS	

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EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
KEL JAM	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	100
1.2.4.1	In Denmark , certain types of Class I appliances (see 3.2.1.1) may be provided with a plug not establishing earthing conditions when inserted into Danish socket-outlets.		N W
1.2.13.14	In Norway and Sweden , for requirements see 1.7.2.1 and 7.3 of this annex.	Afficial distribution of Colonia Comments of Colonia C	N
1.5.7.1	In Finland, Norway and Sweden , resisters bridging BASIC INSULATION in CLASS I PLUGGABLE EQUIPMENT TYPE A must comply with the requirements in 1.5.7.1. In addition when a single resister is used, the resister must withstand the resister test in 1.5.7.2.	N. S. T. S.	N N
1.5.8	In Norway , due to the IT power system used (see annex V, Figure V.7), capacitors are required to be rated for the applicable line-to-line voltage (230 V).	GO P	N Filling
1.5.9.4	In Finland , Norway and Sweden , the third dashed sentence is applicable only to equipment as defined in 6.1.2.2 of this annex.		N
1.7.2.1	In Finland, Norway and Sweden, CLASS I PLUGGABLE EQUIPMENT TYPE A intended for connection to other equipment or a network shall, if safety relies on connection to protective earth or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment must be connected to an earthed mains socket-outlet. The marking text in the applicable countries shall be as follows: In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt"		N The state of the
1.7.2.1	In Sweden: "Apparaten skall anslutas till jordat uttag"	:111	Z ZIN COMP
(A11:2009)	In Norway and Sweden , the screen of the cable distribution system is normally not earthed at the entrance of the building and there is normally no equipotential bonding system within the building. Therefore the protective earthing of the building installation need to be isolated from the screen of a cable distribution system.	A Market	Samuel and a service of the service
	It is however accepted to provide the insulation external to the equipment by an adapter or an interconnection cable with galvanic isolator, which may be provided by e.g. a retailer.	CC Market Administration	GC TO
	The user manual shall then have the following or similar information in Norwegian and Swedish language respectively, depending on in what country the equipment is intended to be used in:	F. T. De Marie	The designation of the second

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
KEL MANOO	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	100
	"Equipment connected to the protective earthing of the building installation through the mains connection or through other equipment with a connection to protective earthing – and to a cable distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)."	A Land of Contraction	N IIII
	NOTE In Norway, due to regulation for installations of cable distribution systems, and in Sweden, a galvanic isolator shall provide electrical insulation below 5 MHz. The insulation shall withstand a dielectric strength of 1,5 kV r.m.s., 50 Hz or 60 Hz, for 1 min.	GC A The state of	GC F
	Translation to Norwegian (the Swedish text will also be accepted in Norway):	IN TO THE WAY	The Completion
	"Utstyr som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av utstyret til kabel-TV nettet installeres en galvanisk isolator mellom utstyret og kabel- TV nettet."	NGC #	P.G.
	Translation to Swedish:	F Global Compile	® Francisco
	"Utrustning som är kopplad till skyddsjord via jordat vägguttag och/eller via annanutrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk förbrand. För att undvika detta skall vid anslutning av utrustningen till kabel-TV nätalvanisk isolator finnas mellan utrustningen och kabel-TV nätet."	Co Marine PCC	
1.7.2.1 (A2:2013)	In Denmark , CLASS I PLUGGABLE EQUIPMENT TYPE A intended for connection to other equipment or a network shall, if safety relies on connection to protective earth or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment must be connected to an earthed mains socket-outlet. The marking text in Denmark shall be as follows: In Denmark : "Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord."		
1.7.5	In Denmark , socket-outlets for providing power to other equipment shall be in accordance with the Heavy Current Regulations, Section 107-2-D1, Standard Sheet DK 1-3a, DK 1-5a or DK 1-7a, when used on Class I equipment. For STATIONARY EQUIPMENT the socket-outlet shall be in accordance with Standard Sheet DK 1-1b or DK 1-5a. For CLASS II EQUIPMENT the socket outlet shall be in accordance with Standard Sheet DKA 1-4a.	GC Financia	The Secondarion

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	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
With the same	ZB ANNEX (normative)SPECIAL NATIONAL CONI	NDITIONS (EN)		
1.7.5 (A2:2013)	In Denmark , socket-outlets for providing power to other equipment shall be in accordance with the DS 60884-2-D1:2011. For class I equipment the following Standard Sheets are applicable: DK 1-3a, DK 1-1c, DK 1-1d, DK 1-5a or DK 1-7a, with the exception for STATIONARY EQUIPMENT where the socket-outlets shall be in accordance with Standard Sheet DK 1-1b, DK 1-1c, DK 1-1d or DK 1-5a. Socket outlets intended for providing power to Class II apparatus with a rated current of 2,5 A shall be in accordance with DS 60884-2-D1 standard sheet DKA 1-4a. Other current rating socket outlets shall be in compliance with by DS 60884-2-D1 Standard Sheet DKA 1-3a or DKA 1-3b. Justification the Heavy Current Regulations, 6c			
2.2.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	The Cornbination of State Landing of	N N	
2.3.2	In Finland , Norway and Sweden there are additional requirements for the insulation. See 6.1.2.1 and 6.1.2.2 of this annex.	You was	N	
2.3.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	© Martin Comm	No.	
2.6.3.3	In the United Kingdom , the current rating of the circuit shall be taken as 13 A, not 16 A.	30 m	N	
2.7.1	In the United Kingdom , to protect against excessive currents and short-circuits in the PRIMARY CIRCUIT of DIRECT PLUG-IN EQUIPMENT, tests according to 5.3 shall be conducted, using an external protective device rated 30 A or 32 A. If these tests fail, suitable protective devices shall be included as integral parts of the DIRECT PLUG-IN EQUIPMENT, so that the requirements of 5.3 are met.	CC THE TOTAL PROPERTY OF THE PARTY OF THE PA	N	
2.10.5.13	In Finland , Norway and Sweden , there are additional requirements for the insulation, see 6.1.2.1 and 6.1.2.2 of this annex.	THE THE PARTY OF T	N	
3.2.1.1	In Switzerland , supply cords of equipment having a RATED CURRENT not exceeding 10 A shall be provided with a plug complying with SEV 1011 or IEC 60884-1 and one of the following dimension sheets: SEV 6532-2.1991 Plug Type 15 3P+N+PE 250/400 V, 10 A SEV 6533-2.1991 Plug Type 11 L+N 250 V, 10 A SEV 6534-2.1991 Plug Type 12 L+N+PE 250 V, 10 A In general, EN 60309 applies for plugs for currents exceeding 10 A. However, a 16 A plug and socket-outlet system is being introduced in Switzerland, the plugs of which are according to the following dimension sheets, published in February 1998: SEV 5932-2.1998: Plug Type 25, 3L+N+PE 230/400 V, 16 A SEV 5933-2.1998:Plug Type 21, L+N, 250 V, 16A		N A A STANDARD OF THE PARTY OF	

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	EN 60950-1	l	1
Clause	Requirement – Test	Result – Remark	Verdict
HET WINDOW	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	
3.2.1.1	In Denmark , supply cords of single-phase equipment having a rated current not exceeding13 A shall be provided with a plug according to the Heavy Current Regulations, Section 107-2-D1. CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules shall be provided with a plug in accordance with standard sheet DK 2-1a or DK 2-5a.	A CO	N W
© #	If poly-phase equipment and single-phase equipment having a RATED CURRENT exceeding 13 A is provided with a supply cord with a plug, this plug shall be in accordance with the Heavy Current Regulations, Section 107-2-D1 or EN 60309-2.	CC Francisco	GC ***
3.2.1.1	In Spain , supply cords of single-phase equipment having a rated current not exceeding 10 A shall be provided with a plug according to UNE 20315:1994.	To the state of th	A Completion N
	Supply cords of single-phase equipment having a rated current not exceeding 2,5 A shall be provided with a plug according to UNE-EN 50075:1993.	P.G.	环核
	CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules, shall be provided with a plug in accordance with standard UNE 20315:1994.	C	S A STATE OF THE S
	If poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with UNE-EN 60309-2.	Tomore & France	Joal Compliance
3.2.1.1	In the United Kingdom , apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS 1363 by means of that flexible cable or cord and plug, shall be fitted with a 'standard plug' in accordance with Statutory Instrument 1768:1994 - The Plugs and Sockets etc. (Safety) Regulations 1994, unless exempted by those regulations.	ACC REAL PROPERTY OF THE PARTY	GN STATE OF THE ST
	NOTE 'Standard plug' is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.		
3.2.1.1	In Ireland , apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to I.S. 411 by means of that flexible cable or cord and plug, shall be fitted with a 13 A plug in accordance with Statutory Instrument 525:1997 - National Standards Authority of Ireland (section 28) (13 A Plugs and Conversion Adaptors for Domestic Use) Regulations 1997.	GG Management	GCN THE STATE OF T
3.2.4	In Switzerland , for requirements see 3.2.1.1 of this annex.	Mestation of C. Attestation	N
3.2.5.1	In the United Kingdom , a power supply cord with conductor of 1,25 mm2 is allowed for equipment with a rated current over 10 A and up to and including 13 A.	. TII	N

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Clause	EN 60950-1 Requirement – Test	Result – Remark	Verdict
Clado	ZB ANNEX (normative)SPECIAL NATIONAL COND		Volulot
3.3.4		TIONS (EN)	
3.3.4 GC ***	In the United Kingdom , the range of conductor sizes of flexible cords to be accepted by terminals for equipment with a RATED CURRENT of over 10 A up to and including 13 A is: • 1,25 mm ² to 1,5 mm ² nominal cross-sectional area.	The man and the second	N W
4.3.6	In the United Kingdom , the torque test is performed using a socket outlet complying with BS 1363 part 1:1995, including Amendment 1:1997 and Amendment 2:2003 and the plug part of DIRECT PLUG-IN EQUIPMENT shall be assessed to BS 1363: Part 1, 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 12.13, 12.16 and 12.17, except that the test of 12.17 is performed at not less than 125 °C. Where the metal earth pin is replaced by an Insulated Shutter Opening Device (ISOD), the requirements of clauses 22.2 and 23 also apply.		P.C
4.3.6	In Ireland, DIRECT PLUG-IN EQUIPMENT is known as plug similar devices. Such devices shall comply with Statutory Instrument 526:1997 - National Standards Authority of Ireland (Section 28) (Electrical plugs, plug similar devices and sockets for domestic use) Regulations, 1997.		N S
5.1.7.1	 In Finland, Norway and Sweden TOUCH CURRENT measurement results exceeding 3,5 mA r.m.s. are permitted only for the following equipment: STATIONARY PLUGGABLE EQUIPMENT TYPE A that is intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, for example, in a telecommunication centre; and 	C Martin of Control of Communication of Control of Cont	N State of S
	has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR; and is provided with instructions for the installation of that conductor by a SERVICE PERSON; • STATIONARY PLUGGABLE EQUIPMENT TYPE B;	PCC WILLIAM	CC F
6.1.2.1	STATIONARY PERMANENTLY CONNECTEDEQUIPMENT. Finland Names and Sunday, add the following texts.		The Comp
(A1:2010)	In Finland , Norway and Sweden , add the following text between the first and second paragraph of the compliance clause:	The state of Contract of Contr	Alestation IV
	If this insulation is solid, including insulation forming part of a component, it shall at least consist of either		
	-two layers of thin sheet material, each of which shall pass the electric strength test below, or	Traduce Traduce	S Allestr
	-one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	GC R	9
	Alternatively for components, there is no distance through insulation requirements for the insulation consisting of an insulating compound completely filling the casing, so that CLEARANCES and CREEPAGE DISTANCES do not exist, if the component passes the electric strength test in accordance with the compliance clause below and in addition	The state of the s	To See all a see

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
地	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	100
CC F	-passes the tests and inspection criteria of 2.10.11 with an electric strength test of 1,5 kV multiplied by 1,6 (the electric strength test of 2.10.10 shall be performed using 1,5 kV), and -is subject to ROUTINE TESTING for electric strength during manufacturing, using a test voltage of 1,5 kV.	E Transferrance	N THE STATE OF THE
	It is permitted to bridge this insulation with an optocoupler complying with 2.10.5.4 b).	American American	
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	测于	© Marie allon
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	Resultion of Color	OC.
	-the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 60384-14, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in EN 60950-1:2006, 6.2.2.1;	E The state of the	Action Compliance
	-the additional testing shall be performed on all the test specimens as described in EN 60384-14:	admin's GC American	NO.
	-the impulse test of 2,5 kV is to be performed before the endurance test in EN 60384-14, in the sequence of tests as described in EN 60384-14.	II the state of th	The Manual Commit
6.1.2.2	In Finland, Norway and Sweden, the exclusions are applicable for PERMANENTLY CONNECTED EQUIPMENT, PLUGGABLE EQUIPMENT TYPE B and equipment intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, e.g. in a telecommunication centre, and which has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR and is provided with instructions for the installation of that conductor by a SERVICE PERSON.		N N
7.2	In Finland , Norway and Sweden , for requirements see 6.1.2.1 and 6.1.2.2 of this annex.	1111	N. ill
.0	The term TELECOMMUNICATION NETWORK in 6.1.2 being replaced by the term CABLE DISTRIBUTION SYSTEM.	The decided Complained	3 A Salution of Carr
7.3	In Norway and Sweden , for requirements see 1.2.13.14 and 1.7.2.1 of this annex.	Allester	N
7.3	In Norway , for installation conditions see EN 60728-11:2005.	- All	N

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1.5.1 T/	ABLE: list of critical components				P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity
Enclosure & Plug holder	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	AC310(+)	V-0, 85°C, min. thickness 1.5mm	UL 746C UL 94	UL E162823
Primary input wire	Interchangeable	Interchangeab le	Min. 105°C, min. 300V, min. 24AWG, VW-1	UL 758	UL C
Secondary wire	Interchangeable	Interchangeab le	Min. 105°C, min. 300V, min. 20AWG, VW-1	UL 758	
Heat shrinkable tube	Interchangeable	Interchangeab le	Min. 125°C, min. 300V, VW-1	UL 224	UL
Fuse (F1)	SHENZHEN LANSON ELECTRONICS CO LTD	3N	T1A, 250V	IEC 60127-1 IEC 60127-3 UL 248	UL E221465 VDE 40016660
PCB	Interchangeable	Interchangeab le	V-0, 130°C	UL 796	UL
Bridge diode (BD1)	Interchangeable	Interchangea ble	Min.0.8A, min. 1000V	EN 60950-1	Tested with appliance
Electronic Capacitors (E1,E2)	Interchangeable	Interchangea ble	10μF, min. 400 V, min. 105°C	EN 60950-1	Tested with appliance
Current sense reisitor (R12, R13)	Interchangeable	Interchangea ble	Each min. 2.2 ohm, 1/4W.	EN 60950-1	Tested with appliance
Glue	Shenzhen Shengkangtai Silicone Material Co., Ltd.	KD-8408ZW	V-0, 150°C	UL94	UL E341043
Inductor (L1)	Interchangeable	Interchangea ble	130°C, min.200uH	EN 60950-1	Tested in equipment
- Magnet wire	Interchangeable	Interchangea ble	Min. 130°C	UL 1446	UL
Y-Capacitor (Y1)	JYH HSU (JEC) ELECTRONICS LTD	JD	AC 400V, 125°C, 1000pF, Y1 type	IEC/EN/UL 60384-14	VDE 40038642 UL E356696
Insulation sheet	E I DUPONT DE NEMOURS & CO INC	410	V-0, 220°C, Min. 0.4mm thickness	UL94	UL E34739
Transformer (T1)	SHENZHEN ZHENGXUAN ELECTRONICS CO, LTD	EE16-5V2.4A	Class B	EN 60950-1	Tested in appliacne

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-Bobbin	CHANG CHUN PLASTICS CO.,LTD	T375J	Phenolic, V-0, 150°C, min. thickness: 0.45 mm	UL94	UL E344055
- Magnet wire	DONG GUAN YIDA INDUSTRIAL CO LTD	2UEW/155	155°C	UL 1446	UL E227475
(Alternative)	Interchangeable	Interchangea ble	Min. 130°C	UL 1446	UL
- Insulating Tape	JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	JY25-A (b)	130°C	UL 510	UL E246950
- Tube	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-TT-S	600V, 200°C	UL 224	UL E180908
- Varnish	Interchangeable	Interchangea ble	Min. 130°C	UL 1446	UL
- Triple insulated wire	FURUKAWA ELECTRIC CO LTD	TEX-E	130°C	UL 2353 IEC62368-1	UL E206440 VDE 006735
-Margin	Interchangeable	Interchangea ble	Min. 130°C	UL 510	UL M
Battery cell	Fast East First New Energy Co., Ltd	FST 20650- 3350	3.6V, 3350mAh	IEC 62133: 2012	TUV RH CB report: 50056048 001
Insulation tape	JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	JY25-A (b)	130°C	UL 510	UL E246950

1.6.2	TABLE: e	lectrical data (i	n normal con	ditions)		P. Janes
U (V)	I (A)	Irated (A)	P (W)	Fuse #	Ifuse (A)	Condition/status
AC input		HET Misuce	K Compliance	0 # #	Mod Comp	The state of the s
90V/50Hz	0.264	®	14.08	F1	0.264	Output: 5V/4.8A, full battery
90V/60Hz	0.264	100°	14.51	F1	0.264	Same as above
100V/50Hz	0.241	0.5	14.81	F1	0.241	Same as above
100V/60Hz	0.247	0.5	15.40	F1	0.247	Same as above
240V/50Hz	0.125	0.5	15.66	F1	0.125	Same as above
240V/60Hz	0.128	0.5	15.62	F1	0.128	Same as above
264V/50Hz	0.120		15.74	F1 🔞	0.120	Same as above
264V/60Hz	0.122	A 2	15.76	F1	0.122	Same as above

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5	2	1.95	9.75		Empty	battery, USB-C c	harging only
Note(s):			The mpliance	A TIME	® # station of Gills	(S) The station of Globs.	(8) Attestation of

2.1.1.5c)1) TABLE:	max. V, A, VA test	Allestan		P
Voltage (rated) (V)	Current (rated) (A)	Voltage (max.) (V)	Current (max.) (A)	VA (max.) (VA)
5 (USB J10)	2.4	4.86	2.60	11.02
5 (USB J3/J4)	2.4	4.89	2.94	12.18

2.1.1.5c)2)	TABLE: stored energ	y		The Completon	F of Global Company	N-2000
	Capacitance C (µF)		Vol	tage U (V)		Energy E (J)
® Alle	Letion of City	(B) Attest hono	100	10		- Iliza
Note(s):	100 S	Q		杨	-fill	The Compliance

	JZ IV			E lation,	
2.2	TABLE: evaluation of voltage limiting components in SELV circuits				
Component (measured between)		max. voltage (V)	max. voltage (V) (normal operation)		
		Vpeak	Vd.c.	Voltage Limiting Components	
10	T1 secondary pin F1 to F2	20.4	® # - Final Class	(i) Altestation of	
Fault test p	performed on voltage limiting components	Voltage measured (V) in SELV circuits (V peak or V			
The story of Global Co.	@ ##	P		- July	
Alles	GO 120	70	10 10	I In the completion	
Note(s): S-	C=short circuit.	Thomas Complian	Plopal Con. 8	estation of Artestan	

2.5 TABLE: limited power source measurements	surement			P. A.
Measured Uoc (V) with all load circuits	Isc (/	A)	VA	
disconnected:	Meas.	Limit	Meas.	Limit
Normal condition				
4.86 (USB J10,)	2.60	8	11.02	100
4.89 (USB J3/J4)	2.94	8	12.18	100
Abnormal condition				
4.20 (USB J10, U3 pin 6-7 S-C)	5.0	8	15.4	100
4.21 (USB J3/J4, U1 pin 6-7 S-C)	5.1	8	15.7	100
Note(s): S-C=Short circuit;	litt:	不	Compliance The	al Compile

2.10.2	TABLE: Working vol	tage measurement	100 3	0	P
Location	attestation of Gar	RMS voltage (V)	Peak voltage (V)	Com	ments

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T1 pin 1 to pin F1	218	440	The Companies
T1 pin 2 to pin F1	216	372	® ## claim of Globs (S) ## claim (S) ## clai
T1 pin 4 to pin F1	205	344	C GO
T1 pin 5 to pin F1	260	640	Max Vpeak and RMS
T1 pin 1 to pin F2	216	420	Juliance (8) We sind Gold Cons
T1 pin 2 to pin F2	213	348	CC ***
T1 pin 4 to pin F2	206	336	
T1 pin 5 to pin F2	255	632	
CY1 Pri to Sec.	206	340	The Company (Company)
Note(s):	The Completion of The Land Completion	O Marianton of Color	estalian C

2.10.3 and 2.10.4	TABLE: clearance a	nd creepage	distance mea	asurements	不 拉那	A Th	Jonnplance P ®
Clearance cla	, ,	U p (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	Required dcr (mm)	dcr (mm)
Primary trace polarity before		<420	240	1.5	4.6	2.4	4.6
Trace under f	use	<420	240	1.5	2.6	2.4	3.1
Trace under 1	1	640	260	4.6	5.8	5.2	5.8
T1 primary winding/core to secondary pin		640	260	4.6	5.0	5.2	5.8
T1 primary wi capacitor E3	nding to secondary	640	260	4.6	5.4	5.2	5.4
Trace under 0	CY1	340	206	4.0	8.4	4.8	8.4
Primary live p surface	art to enclosure	<420	240	4.0	6.1	4.8	6.1
Primary live part to battery		640	260	4.6	8.3	5.2	9.6
	Transformer coret to secondary transmiting coil		260	4.6	6.2	5.2	6.6
Note(s): up to	2000m sea level.	The Manager Compile	® 4	station of Global	B Attestation of C	100	30

2.10.5 TABLE: distance through in	2.10.5 TABLE: distance through insulation measurements								
Distance through insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)					
Enclosure	240	3000	0.4	Min. 1.5					
Bobbin	240	3000	0.4	Min. 0.45					
Insulation sheet	240	3000	0.4	Min. 0.75					
Note(s):	Alobal Compile	a.G. Alleston	60						

-	G/Op.	(C) 45%	3070		-111/13	15.
3U.C	4.3.8	A ANGE	TABLE: Batteries		CK Kindliance	P

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The tests of 4.3 not available	The tests of 4.3.8 are applicable only when appropriate battery data is not available									
Is it possible to	install the b	attery in a r	everse polar	ity position	?	G Alles	CC T	ttestani	N	
Clobal Company	Non-rechargeable batteries Rechargeable batteries							es		
(R) Altestation of	Disch	arging	Uninten-	Cha	rging	Discha	arging	Reverse	Charging	
CO MINISTRAL	Meas. current	Manuf. Specs.	tional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	
Max. current during normal condition	Mesalin d Cobal	C	G <u></u>	1.98A	6.7A	3.82A	6.7A	 		
Max. current during fault condition	The transferred	KE T	\ <u></u>	5.0	6.7A	5.1A	6.7A	al comp	Alleston	
Test results:	8	Alles alion of	C Attestation				711		Verdict	
- Chemical leak	s	11	9		-111	No leaks	Kingliance The	利	inpliance P ®	
- Explosion of the	ne battery		KET STILLOGE	J.	Compliance	No explos	ion	Attestation of Other	P	
- Emission of flame or expulsion of molten metal						No molter	metal		Р	
- Electric streng	th tests of e	equipment a	after complet	ion of tests				THE STATE OF THE S	163 marco	
Note(s):				LITE:	J.	TILL.	三 环	Compliance (8)	F of Global Comm	

4.3.8 TABLE: Batteries	P
Battery category:	Lithium-ion Rechargeable Cell
Manufacturer	Fast East First New Energy Co., Ltd
Type/model:	FST 20650-3350
Voltage, Capacity:	3.6V, 3350mAh
Circuit protection diagram:	See below

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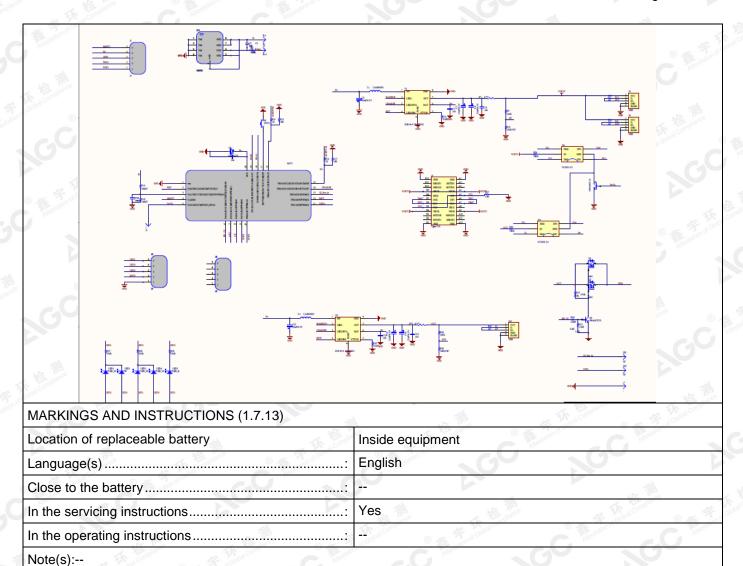


TABLE: maximum temperatures	TABLE: maximum temperatures						
Test voltage (V):	a):100V×0.9/60Hz, travel adapter, 4.8A load b):240V×1.1/50Hz, travel adapter, 4.8A load c): USB-C charging only c): 5W wireless ouput, powerbank mode						
maximum temperature T of part/at:		T (°C)					
		b)	c)	d)	Tmax (°C)		
To decide the second of the se	47.5	64.1	, 0		105		
, CO 200	46.8	62.6	700	1	Ref		
	61.9	104.3	The Global Compilar	® # Hon of Global	110		
III III	60.3	101.2		Alles L	110		
The comment of the control of the co	54.8	79.9			125		
	Test voltage (V):	Test voltage (V)	Test voltage (V)	Test voltage (V): a):100V×0.9/60Hz, travel adapter, 4. b):240V×1.1/50Hz, travel adapter, 4. c): USB-C charging only c): 5W wireless ouput, powerbank mote temperature T of part/at: T (°C) a) b) c) 47.5 64.1 46.8 62.6 61.9 104.3 60.3 101.2	Test voltage (V)		

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					111112		d11
Capacitor E2	55.1	67.5	The Manual Compliance	- 10 ME	105		
PCB near U1	KE There	93.4	62.1	Halbrof Glo (8 Figure 1 along 1 Globs	130	
Enclosure inside near T1	42.1	65.9	31.4	35.8	Ref		
Enclosure outside near T1	GG "	38.0	57.6	29.4	32.6	95	
Battery		NE.	56.7	58.5	44.3	47.4	Ref
Battery wire	(2)	The Global C	54.7	54.9	42.2	46.5	105
PCB near IC3	(i) His Condition	46.9	41.7	130			
Transmiting coil		51.6	38.2	49.8	Ref		
Enclosure inside near transmiting	g coil		43.6	46.7	36.5 49.1	Ref	
Enclosure outside near transmit	ing coil	环	37.6	41.2	33.7	46.3	95
Ambient Ambient	Hopail	3 Attestation of Give	25.0	25.0	25.0	25.0	
Temperature T of winding	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	$R_2(\Omega)$	T (°C)	Allowed T _{max} (°C)	Insulation Class
		- AMI	- Kingliano	 (2) ##=	on of Global	@ A on of Gu	7.0

4.5.5	TABLE: ball pressure test of th	ermoplastic parts	THE STATE OF THE S	The Position
	allowed impression diameter (r	nm):	≤2 mm	-G
Part			Test temperature(°C)	Impression diameter (mm)
Attestation	Plug holder	711	125	1.1
Note(s):		The designation of the state of	The Solution Compilares	Manager of Colons

4.7	(C)	TABLE	E: Resistance to	fire	S A G				P
	Part		Manufacturer	of material	Type of materia	Thickness (mm)	Flammability class	Е	vidence
			- AND	不相	- All Alliance - All Alliance - All Alliance - All Alliance - Alli	COO II COMPANY	C	Attests	- 6
Note	(s):refer	to table	e 1.5.1	The allon of Global	Attestation	Allesto			

5.1	TABLE: touch current measurement		THE THE	IN Proposition Of Proposition of the Proposition of	
Measure	ed between:	Measured(mA)	Limit(mA)	Comments/conditions	
L/N and output		0.04	0.25		
® # ignion	L/N and enclosure	0.005	0.25	70	
Note(s):	- 10	1777	I Tomplance	F Tools Compiles	

	5.2	TABLE: electric strength tests and impulse tests	GC C	P
1 -	Γest voltage a	pplied between:	Test voltage (V)	Breakdown

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3000	No breakdown
3000	No breakdown
A State of the Sta	0 %
	3000 3000 3000 3000

5.3	TABLE: fault cond	lition tests			海 河	K Kindings	P Global
	ambient temperature (°C):			24.3-25.3			
@ ##.	rated markings of	power supply	Clooping Co.	Allesto:	GG *		
Component r	no. Fault	Test voltage (V)	Test time	Fuse no.		Result	
Travel adapte	er with AC supplied	1 授 测					
USB J3/J4 output	S-C	240V	10min	F1	Unit shutdown immediately, recoverable no damage, no hazards.		
USB J3/J4 output O-L		240V	3h32min	F1.	Max load at 5V/2.7A, over 2.7A unit sh dwon, recoverable, no damage, no hazards. T1 coil: 108.7°C, T1 core: 105.6°C Ambient:25.1°C		e, no
USB J10 outp	out S-C	240V	10min	F1	Unit shutdown no damage, no	immediately, re hazards.	ecoverable,
USB J10 outp	out O-L	240V	2h55min	F1	Max load at 5V/2.6A, over 2.6A unit s dwon, recoverable, no damage, no hazards. T1 coil: 105.7°C, T1 core: 103.0°C Ambient:24.7°C		e, no
T1 output	O-L	240V	4h29min	F1	Max load at 2.9A, over 2.9A unit shut dwon, recoverable, no damage, no hazards. T1 coil: 113.4°C, T1 core: 109.5°C Ambient:24.9°C		e, no
Capacitor E3	S-C	240V	10min	F1	Unit shutdown immediately, recorn no damage, no hazards.		ecoverable,
Q1	S-C	240V	10min	F1	Unit shutdown immediately, recoveral no damage, no hazards.		ecoverable,
BD1, Pin 1-3	% S-C	240V	1s	F1	F1 opened immediately, no hazards		azards.
Capacitor E1	S-C	240V	1s	F1	F1 opened immediately, no hazards.		azards.
R12	s-c	240V	1s	₩ F1	F1 opened immediately, no hazards.		azards.
R31	S-C	240V	15	F1 C	F1 opened immediately, no hazards.		azards.
T1, Pin F1-F2	2 S-C	240V	10min	F1	Unit shutdown immediately, recoverable no damage, no hazards.		ecoverable,

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T1, Pin 1-2	S-C	240V	10min	F1	Unit shutdown immediately, recoverable, no damage, no hazards.	
T1, Pin 4-5	S-C	240V	10min	F1	Unit shutdown immediately, recoverable, no damage, no hazards.	
U1, Pin 4-5	S-C	240V	1s	F1	F1 opened immediately, no hazards.	
U1, Pin 2-3	S-C	240V	10min	F1	Unit shutdown immediately, recoverable, no damage, no hazards.	
Powerbank suplie	d by USB-C					
U3, Pin 6-7	S-C	5V	7h	·C(Normal operation, no damage, no hazards.	
IC2, Pin 4-7	S-C	5V	7h		Normal operation, no damage, no hazards.	
Powerbank discha	arge with 5W wir	eless output	The Compliance	® ## station of G	C. Market Co.	
Output	O-L	CG TO	3h15min		Max load at 5.9W, over 5.9W unit shut down, recoverable, no damage, no hazards.	
IC2, Pin 4-7	S-C	III	4h	inuce	Normal operation, no damage, no hazards.	
U3, Pin 6-7	S-C	Station of Cirolan	4h	~G ^C	Normal operation, no damage, no hazards.	
Battery B+ to B-	S-C	-6	30min		Afeter short, battery no fire, no leaks, no explosion, no hazards.	
Fault: S-C = short	circuit, O-C = o	pen circuit, O-L	_= overload	The Kingham	S Manual Control of Co	
Note:	A STATE OF THE STA	(a) # # of a	(e) A	Finor Globa	CO " CO !	

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Attachment A Photos of product



Fig.1-Over view



Fig.2-Over view

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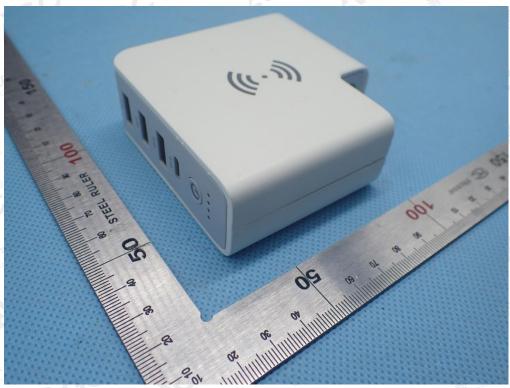


Fig.3-Over view

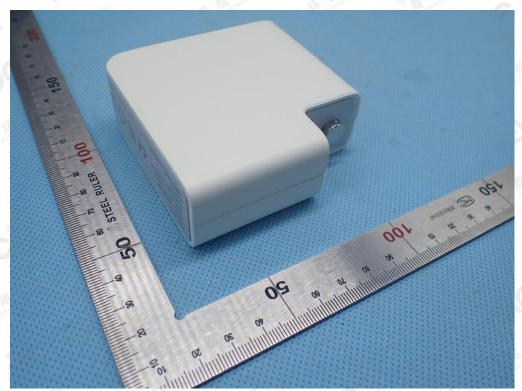


Fig.4-Over view

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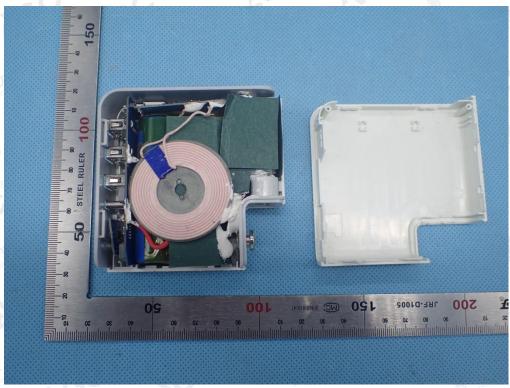


Fig.5-Internal view

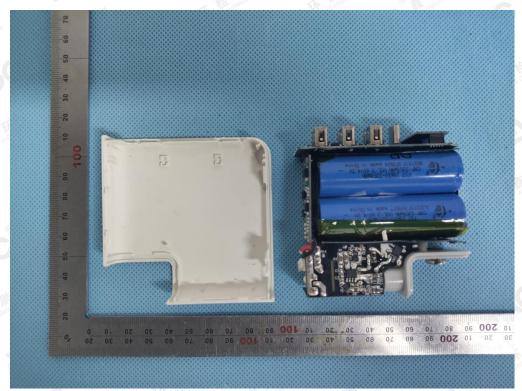


Fig.6-Internal view

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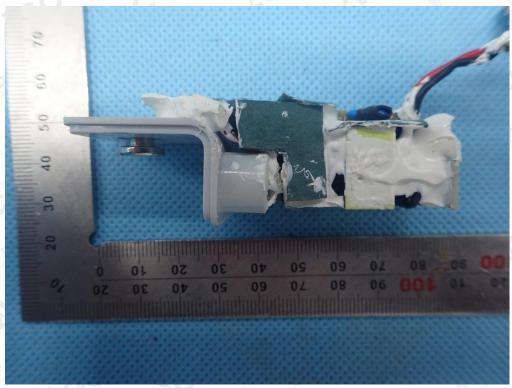


Fig.7-Part view

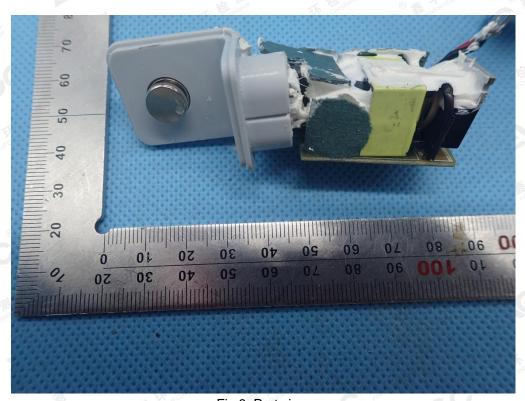


Fig.8-Part view

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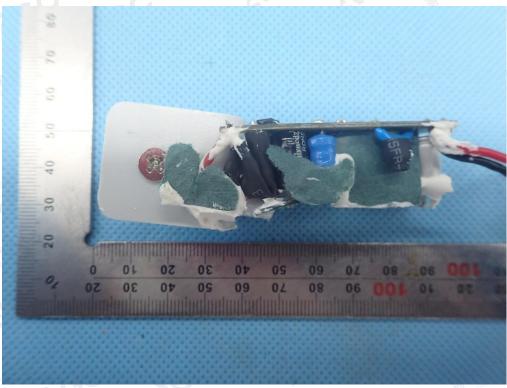


Fig.9-Part view



Fig.10-Part view

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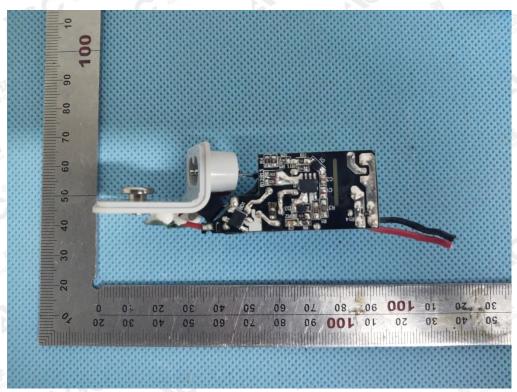


Fig.11-Part view

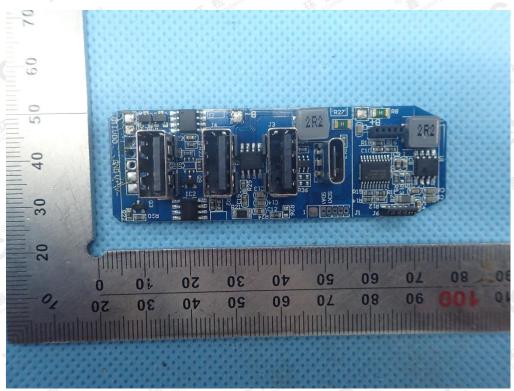


Fig.12-Part view

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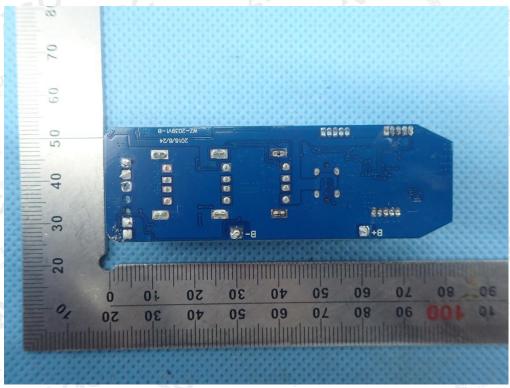


Fig.13-Part view

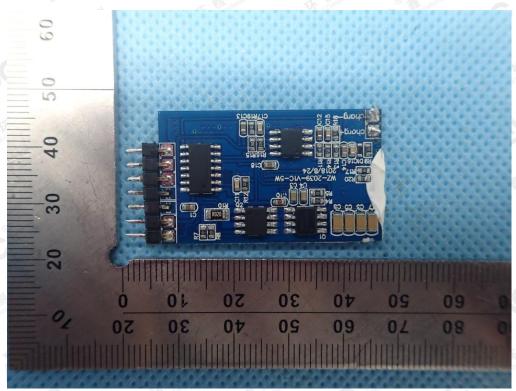


Fig.14-Part view

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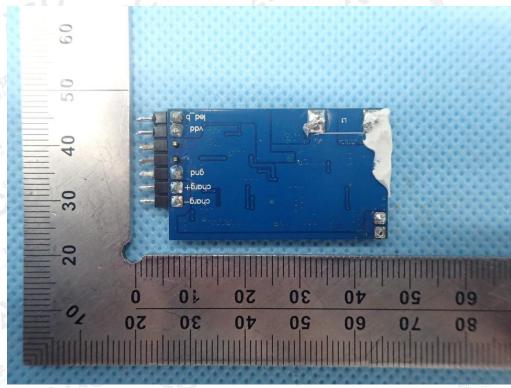


Fig.15-Part view

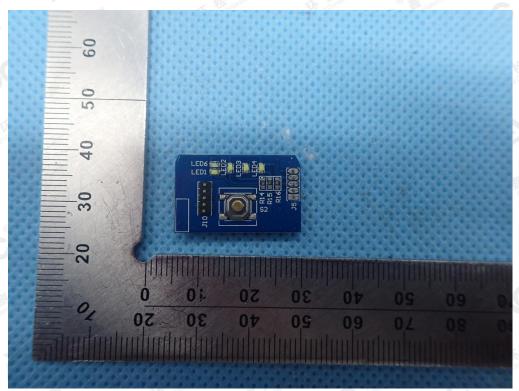


Fig.16-Part view

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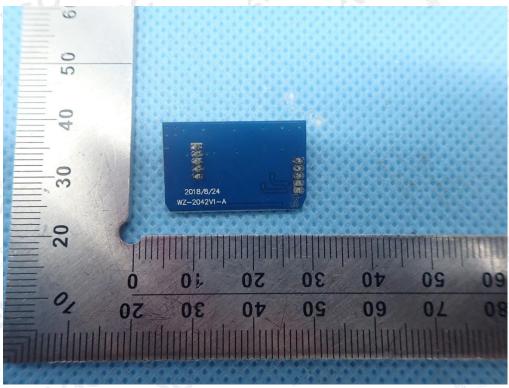


Fig.17-Part view

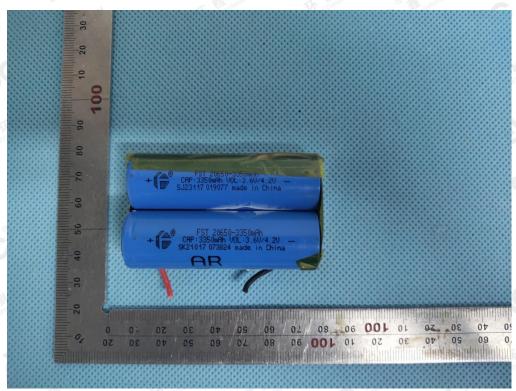


Fig.18-Part view

----END OF REPORT----

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