



Test Report issued under the responsibility of:



TEST REPORT
IEC 62368-1
Audio/video, information and communication technology equipment
Part 1: Safety requirements

Report Number.....: JCS230706201-001A1
Date of issue.....: 2023-09-08; Amendment 1: 2023-10-12
Total number of pages.....: 16 pages

Name of Testing Laboratory preparing the Report.....: Guangzhou Jingce Testing Technology Co., Ltd.

Applicant's name.....: Guangzhou Shirui Electronics Co., Ltd.
Address.....: No. 192 KeZhu Road Science Park, Economic-Technological Development Area, Guangzhou, Guangdong, 510530, China

Test specification:

Standard.....: IEC 62368-1:2018
Test procedure.....: CB Scheme
Non-standard test method.....: N/A

TRF template used.....: IECEE OD-2020-F1:2021, Ed.1.4
Test Report Form No.....: IEC62368_1E
Test Report Form(s) Originator.....: UL(US)
Master TRF.....: Dated 2022-04-14

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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

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

This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description.....:	LCD MONITOR	
Trade Mark(s)	 (SHARP)	
Manufacturer.....:	Sharp NEC Display Solutions, Ltd. 4-28, Mita 1-chome, Minato-ku, Tokyo, 108-0073 Japan	
Model/Type reference.....:	PN-ME432	
Ratings.....:	100-240V~ 50/60Hz 2.2-0.9A (2.5A FOR MEXICO)	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒	CB Testing Laboratory:	Guangzhou Jingce Testing Technology Co., Ltd.
Testing location/ address.....:		No.10, Hefeng No.1 street, Huangpu District, Guangzhou, Guangdong, China
Tested by (name, function, signature).....:		Karl Huang / Project Handler 
Approved by (name, function, signature)...:		Tony Yang / Reviewer 
☐	Testing procedure: CTF Stage 1:	
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Approved by (name, function, signature)...:		
☐	Testing procedure: CTF Stage 2:	
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Witnessed by (name, function, signature)..:		
Approved by (name, function, signature)...:		
☐	Testing procedure: CTF Stage 3:	
☐	Testing procedure: CTF Stage 4:	
Testing location/ address.....:		
Tested by (name, function, signature).....:		
Witnessed by (name, function, signature)..:		
Approved by (name, function, signature)...:		
Supervised by (name, function, signature) :		

List of Attachments (including a total number of pages in each attachment): N/A	
Summary of testing: The sample(s) tested complies with the requirements of IEC 62368-1:2018.	
Tests performed (name of test and test clause): N/A	Testing location: N/A
Summary of compliance with National Differences (List of countries addressed): List of countries addressed: EU Group, United Kingdom (per customer's request shown separately), Canada and United States, Australia, New Zealand, Singapore, Saudi Arabia, Japan, Argentina*, Korea*, Mexico*, Russian Federation*, South Africa*. *=No National or Group Differences declared.	
☒ The product fulfils the requirements of EN IEC 62368-1:2020+A11:2020. ☒ The product fulfils the requirements of BS EN IEC 62368-1:2020+A11:2020. ☒ The product fulfils the requirements of CSA/UL 62368-1:2019. ☒ The product fulfils the requirements of AS/NZS 62368.1:2022. ☒ The product fulfils the requirements of J62368-1(2023). ☒ The product fulfils the requirements of Special National Conditions for Singapore. ☒ The product fulfils the requirements of SASO-IEC 62368-1:2020.	
Use of uncertainty of measurement for decisions on conformity (decision rule) : ☒ No decision rule is specified by the IEC standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method"). ☐ Other:... (to be specified, for example when required by the standard or client, or if national accreditation requirements apply)	
Information on uncertainty of measurement: The uncertainties of measurement are calculated by the laboratory based on application of criteria given by OD-5014 for test equipment and application of test methods, decision sheets and operational procedures of IECEE. IEC Guide 115 provides guidance on the application of measurement uncertainty principles and applying the decision rule when reporting test results within IECEE scheme, noting that the reporting of the measurement uncertainty for measurements is not necessary unless required by the test standard or customer. Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.	

Copy of marking plate:

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

SHARP MultiSync ME432

LCD MONITOR ЖК-монитор
液晶显示器 彩色显示器
모니터 (43 인치 LCD 모니터)
(MODEL / Модель / 型号 / 型號 / 모델명 : PN-ME432)

VOLTS Вольт 输入电压 輸入電壓 : 100-240V~
AMPERES Ампер 电流 電流 : 2.2-0.9A (2.5A FOR MEXICO)
FREQUENCY Частота 工作频率 工作頻率 : 50/60Hz

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE THE ENCLOSURE.
NO USER-SERVICEABLE PARTS INSIDE.

ATTENTION: AFIN DE PREVENIR DE TOUT CHOC ELECTRIQUES, NE PAS OUVRIR CE BOITIER.
AUCUNE PIECE INTERNE NE PEUT-ETRE CHANGEE PAR L'UTILISATEUR.

ACHTUNG: ZUR TRENNUNG VOM NETZ IST DER NETZSTECKER AUS DER STECKDOSE ZU ZIEHEN.
GERÄT NICHT ÖFFNEN, ES SIND KEINE DURCH DEN BENUTZER AUSWECHSELBAREN TEILE IM GERÄT VORHANDEN.

PRECAUCIÓN: PARA PREVENIR DESCARGA ELÉCTRICA, NO QUITE EL RECINTO.
NINGUNAS PIEZAS DEL USUARIO SERVICABLE ADENTRO.

VAROITUS: LAITE ON LIITETTÄVÄ SUOJAKOSKETTIMILLA VARUSTETTUUN PISTORASIAAN.
VARNING: APPARATEN SKALL ANSLUTAS TILL JORDAT UTTAG.
ADVARSEL: APPARATET MÅ TILKOPLES JORDET STIKKONTAKT.
ADVARSEL: APPARATETS STIKPROP SKAL TILSLUTTES EN STIKKONTAKT MED JORD SOM GIVER FORBINDELSE TIL STIKPROPPENS JORD.

⚠ 注意: 请勿打开后盖, 小心高压电击, 机内并无用户配件。
⚠ 注意: 請勿打開後蓋, 小心高壓電擊, 機內並無用戶配件。
⚠ 警語: 使用過度恐傷害視力。

사용상 주의사항 감전의 위험 및 제품의 손상이 발생할 수 있으므로 제품의 커버를 열지 마십시오.
인증 서비스 센터 전화 번호: 080-022-1155 (효성ITX주식회사)
* 본 라벨과 전화번호는 국내 규정 내에서 적절한 목적으로만 사용되어야 합니다.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

CAN ICES-003(B) / NMB-003(B)

تنبيه
تجنب فتح الغطاء العلوي للجهاز منعاً للتعرض لصدمة كهربائية.
لا يحتوي الجهاز على أجزاء داخلية قابلة للصيانة من قبل المستخدمين.

HDMI **CE** **UK** **UKA** **UL** **US** **E494471** **I.T.E.** **JRZN** **LISTED**

Brand contact:
Sharp NEC Display Solutions, Ltd.
シャープNECディスプレイソリューションズ株式会社
東京都港区三田一丁目4番28号
日本国東京都港区三田一丁目4番28号
4-28, Mita 1-chome, Minato-ku, Tokyo, Japan
Contact address for EMEA
Sharp NEC Display Solutions Europe GmbH
Landshuter Allee 12-14, 80637 Munich, Germany
Contact address for UK
Sharp Electronics (Europe) Limited
4 Furzeground Way, Stockley Park, Uxbridge, Middlesex, UB11 1EZ, United Kingdom
生産廠: 浙江久融智能技術有限公司 生産厂: 浙江久融智能技術有限公司
生産地址: 浙江省杭州市钱塘新区白杨街道8号大街2号1幢101室
제조: Zhejiang Jiurong Intelligent Technology Co., Ltd.

TÜVRheinland ZERTIFIZIERT
www.tuv.com ID: 0230004681

TÜVRheinland CERTIFICADO
www.tuv.com ID: 0000100000

SAFETY MARK
XXXXXXXX-XX
IP30

Mounting Interface
200mm x 200mm
4-M6 Depth 14mm Max

Landscpe TOP
Portrait TOP

中国製造 中國製造
MADE IN CHINA FABRIQUE EN CHINE
FABRICADO EN CHINA Сделано в Китае

SHARP MultiSync ME432

VOLTS Вольт 输入电压 輸入電壓: 100-240V~
 AMPERES Ампер 电流 電流: 2.2-0.9A (2.5A FOR MEXICO)
 FREQUENCY Частота 工作频率 工作頻率: 50/60Hz (MODEL / Модель / 型号 / 型號 / 모델명: PN-ME432)

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VAROITUS: LAITE ON LIITETTÄVÄ SUOJAKOSKETTIMILLA VARUSTETTUUN PISTORASIAAN.
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ADVARSEL: APPARATET MÅ TILKOPLES JORDET STIKKONTAKT.
ADVARSEL: APPARATETS STIKKPROP SKAL TILSLUTTES EN STIKKONTAKT
 MED JORD SOM GIVER FORBINDELSE TIL STIKKPROPPENS JORD.
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注意: 請勿打開後蓋, 小心高壓電擊, 機內並無用戶配件。
警告: 使用過度恐傷害視力。
 사용상 주의사항 감전의 위험 및 제품의 손상이 발생할 수
 있으므로 제품의 커버를 열지 마십시오.
 인증 서비스 센터 전화 번호: 080-022-1155 (호성ITX주식회사)
 *본 라벨과 전화번호는 국내 규정 내에서 적절한 목적으로만
 사용되어야 합니다.

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 CAN ICES-003(B) / NMB-003(B)

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 لا يحتوي الجهاز على أجزاء داخلية قابلة للصيانة من قبل المستخدم.

HDMI **CE** **UKCA** **RoHS** **REACH** **TÜV Rheinland** **ZERTIFIZIERT** **www.tuv.com** ID: 0235004681

cd **Hg** **c** **UL** **US** **E494471** **I.T.E.** **DBH** **TÜV Rheinland** **CERTIFICADO** **www.tuv.com** ID: 0001000006

SAFETY MARK **IP30**

Brand contact:
 Sharp NEC Display Solutions, Ltd.
 シャープNECディスプレイソリューションズ株式会社
 東京都港区三田一丁目4番28号
 日本国東京都港区三田一丁目4番28号
 4-28, Mita 1-chome, Minato-ku, Tokyo, Japan
 Contact address for EMEA
 Sharp NEC Display Solutions Europe GmbH
 Landshuter Allee 12-14, 80637 Munich, Germany
 Contact address for UK
 Sharp Electronics (Europe) Limited
 4 Furzeground Way, Stockley Park, Uxbridge, Middlesex, UB11 1EZ, United Kingdom
 生産廠: 玳能科技(杭州)有限公司 生产厂: 玳能科技(杭州)有限公司
 生产地址: 浙江杭州经济技术开发区综合保税区东门3号2幢2楼
 제조: Dynabook Technology (Hangzhou) Inc.

Landscape Mounting Interface 200mm x 200mm 4-M6 Depth 12mm Max
Portrait

中国制造 中國製造
MADE IN CHINA FABRIQUE EN CHINE
FABRICADO EN CHINA Сделано в Китае

Remark:

- The above markings are the minimum requirements required by the safety standard. For the final production samples, the additional markings which do not give rise to misunderstanding may be added.
- Above information was labeled on rear enclosure.
- The CE marking and WEEE symbol (if any) should be at least 5.0 mm and 7.0 mm respectively in height.
- The UKCA marking should be at least 5.0 mm in height.

Test item particulars:	
Product group	☒ end product ☐ built-in component
Classification of use by.....	☒ Ordinary person ☒ Children likely present ☐ Instructed person ☐ Skilled person
Supply connection.....	☒ AC mains ☐ DC mains ☐ not mains connected: ☐ ES1 ☐ ES2 ☐ ES3
Supply tolerance	☒ +10%/-10% ☐ +20%/-15% ☐ + %/ - % ☐ None
Supply connection – type	☒ pluggable equipment type A - ☐ non-detachable supply cord ☒ appliance coupler ☐ direct plug-in ☐ pluggable equipment type B - ☐ non-detachable supply cord ☐ appliance coupler ☐ permanent connection ☐ mating connector ☐ other:
Considered current rating of protective device.....	☒ US, CA: 20A, UK: 13A, Others:16A ; Location: ☒ building ☐ equipment ☐ N/A
Equipment mobility.....	☒ movable (when base stand used) ☐ hand-held ☐ transportable ☐ direct plug-in ☒ stationary (when mounting means used) ☐ for building-in ☒ wall/ceiling-mounted ☐ SRME/rack-mounted ☐ other:
Overvoltage category (OVC)	☐ OVC I ☒ OVC II ☐ OVC III ☐ OVC IV ☐ other:
Class of equipment	☒ Class I ☐ Class II ☐ Class III ☐ Not classified ☐
Special installation location	☒ N/A ☐ restricted access area ☐ outdoor location ☐
Pollution degree (PD)	☐ PD 1 ☒ PD 2 ☐ PD 3
Manufacturer's specified T _{ma}	40 °C ☐ Outdoor: minimum °C
IP protection class	☒ IP30 ☐ IP__
Power systems	☒ TN ☐ TT ☐ IT - V _{L-L} ☐ not AC mains
Altitude during operation (m)	☐ 2000 m or less ☒ 5000 m
Altitude of test laboratory (m)	☒ 2000 m or less ☐ m
Mass of equipment (kg)	Main unit:10.1 kg; Base:1.9kg

Possible test case verdicts:

- test case does not apply to the test object.... : N/A
- test object does meet the requirement..... : P (Pass)
- test object does not meet the requirement.... : F (Fail)

Testing:

Date of receipt of test item..... : N/A

Date (s) of performance of tests..... : N/A

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.

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

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IEC60060-2:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :

☒ **Yes**

☐ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies).....: Factory 1:

Dynabook Technology (Hangzhou) Inc
2/F, Building 2, NO.3, East Gate Comprehensive
Bonded Zone Economic and Technical Development
Zone HANGZHOU, ZHEJIANG, 310018, China

Factory 2:

Zhejiang Jiurong Intelligent Technology Co., Ltd.
Room 101, Building 1, No. 2, 8th Street, Baiyang Street,
Qiantang New District, Hangzhou City, Zhejiang
Province, China

Factory 3:

K-Tronics (Suzhou) Technology Co., Ltd.
No.1088, Dajing Road, Economic And Technological
Development Zone Wujiang District, Suzhou, 215200
Jiangsu Province, China

Factory 4:

Guangzhou Shiyuan Ruichuang Electronics
Technology Co., Ltd
Building 69, Fenglang 1th Road, Huangpu District,
Guangzhou, China

Factory 5:

Guangzhou Shiyuan Ruichuang Electronics
Technology Co., Ltd
1F, 2F, 4F, BUILDING B, NO. 13, ZHISHAN ROAD,
HUANGPU DISTRICT, GUANGZHOU CITY,
GUANGDONG PROVINCE, CHINA, GUANGDONG
PROVINCE, CHINA

General product information and other remarks:

This Report should be read in conjunction with the original report No.: JCS230706201-001 dated 2023-09-08, with CB Cert. No.DK-145123-UL issued on 2023-09-11 with below difference/additions, which were consider technical modifications:

1. Change the rating from “100-240V~ 50/60Hz 1.6-0.7A (2.5A FOR MEXICO)” to “100-240V~ 50/60Hz 2.2-0.9A (2.5A FOR MEXICO)”.
2. Update the marking label due to changing the rated current.
3. Update the rating current in table B.2.5 due to changing the rated current.

No test was considered necessary above modification.

Product Description

The equipment is a 43” LCD Monitor for indoor use only and for the use in information technology equipment or Audio and Video equipment.

The Unit has following features:

1. LCD Type: 43 inch TFT LCD With LED backlight;
2. Maximum declared ambient: 40°C;
3. Terminal information: USB 2.0(5V/0.5A)*1, USB 3.0(5V/0.9A)*2, USB-C (5V/3.0A)*1, HDMI IN*3, RS-232C*1, LAN*1, AUDIO OUT*1, REMOTE*1, OPTICAL OUT*1.
4. Build-in power board was separately approved according to IEC 62368-1, see appended 4.1.2 for details;
5. The equipment supports positive and negative 30 degree use;
6. External metal enclosure used as fire enclosure, mechanical enclosure and electrical enclosure;
7. External Plastic enclosure used as fire enclosure and mechanical enclosure;
8. The user manual specified the relevant information for installation instruction;
9. Please install the product in accordance with the user manual.This product cannot be used or installed without the table top stand or other mounting accessory for support.
10. The base is optional.
11. The equipment is operated up to 5000m above sea level as declared by manufacturer. Clearances have been evaluated according to IEC 62368-1: table 16 with a multiplication factor of 1.48 throughout this report.

Model Differences:

N/A

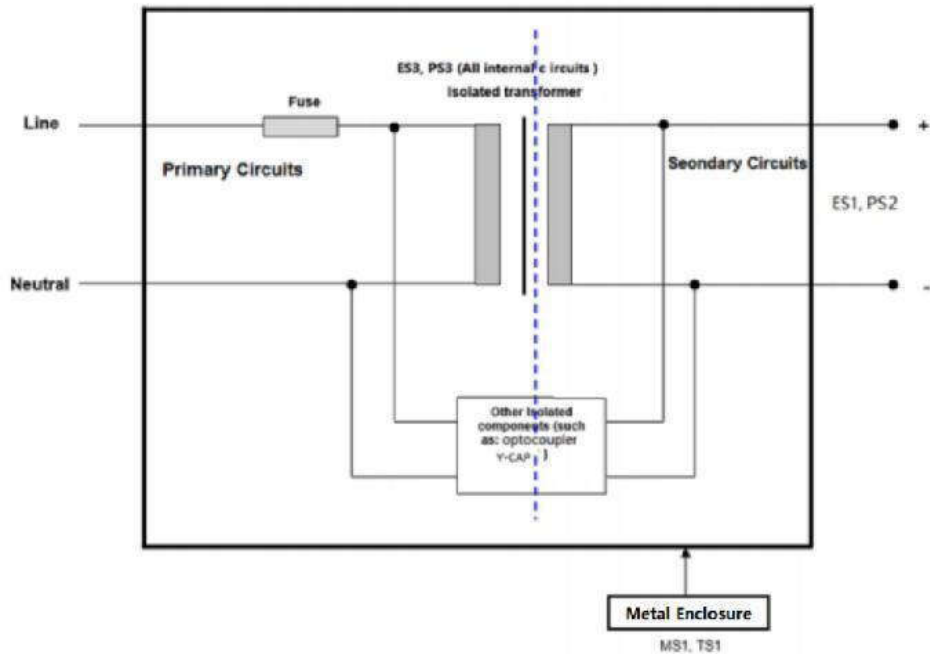
OVERVIEW OF ENERGY SOURCES AND SAFEGUARDS				
Clause	Possible Hazard			
5	Electrically-caused injury			
Class and Energy Source (e.g. ES3: Primary circuit)	Body Part (e.g. Ordinary)	Safeguards		
		B	S	R
ES3: All internal circuit inside metal enclosure except for listed as below	Ordinary person	See 5.4.2 and 5.4.3	Protective Earthing of metal enclosure	N/A
ES3: Input and internal primary circuits of approved power supply board	Ordinary person	N/A	N/A	Enclosure, see 5.5.3, 5.5.4, 5.4.2, 5.4.3
ES3: LED circuit	Ordinary person	N/A	N/A	Enclosure, see 5.2.2.2
ES1: Y-capacitor (L/N to G)	Ordinary person	N/A	N/A	N/A
ES1: Output of power supply Board PW.D232W2.751 except for LED output	Ordinary person	N/A	N/A	N/A
ES1: All accessible connectors and parts accessible	Ordinary person	N/A	N/A	N/A
6	Electrically-caused fire			
Class and Energy Source (e.g. PS2: 100 Watt circuit)	Material part (e.g. Printed board)	Safeguards		
		B	1 st S	2 nd S
PS3 circuit	Enclosure	See 6.3	Fire enclosure	N/A
PS2, PS3 circuit	Internal wiring	See 6.3	See 6.5	N/A
PS3 circuit	PCB	See 6.3	V-1 or better	N/A
PS2, PS3 circuit	The other components/materials	See 6.3	See 6.4.5, 6.4.6	N/A
PS2 circuit	USB2.0, USB3.0 output terminals	See 6.3	See 6.4.5	N/A
PS1 circuit	Speaker, all other output terminals except for USB2.0, USB3.0	N/A	N/A	N/A
7	Injury caused by hazardous substances			
Class and Energy Source (e.g. Ozone)	Body Part (e.g., Skilled)	Safeguards		
		B	S	R
Ultra-capacitor	Ordinary	N/A	N/A	See Annex M

8	Mechanically-caused injury			
Class and Energy Source (e.g. MS3: Plastic fan blades)	Body Part (e.g. Ordinary)	Safeguards		
		B	S	R
MS1: Edges and corners	Ordinary person	N/A	N/A	N/A
MS2: Equipment mass	Ordinary person	N/A	N/A	Fixed installation
MS2: Stability	Ordinary person	N/A	N/A	See 8.6
MS3: Wall mount	Ordinary person	N/A	N/A	See 8.7
MS2: Handle	Ordinary person	N/A	N/A	See 8.8
9	Thermal burn			
Class and Energy Source (e.g. TS1: Keyboard caps)	Body Part (e.g., Ordinary)	Safeguards		
		B	S	R
TS3: Internal parts/circuits	Ordinary	N/A	N/A	Enclosure
TS1: Accessible part	Ordinary	N/A	N/A	N/A
10	Radiation			
Class and Energy Source (e.g. RS1: PMP sound output)	Body Part (e.g., Ordinary)	Safeguards		
		B	S	R
RS1: LED for indicating, LCD panel	Ordinary	N/A	N/A	N/A
Supplementary Information:				
“B” – Basic Safeguard; “S” – Supplementary Safeguard; “R” – Reinforced Safeguard				

ENERGY SOURCE DIAGRAM

Optional. Manufacturers are to provide the energy sources diagram identify declared energy sources and identifying the demarcations are between power sources. Recommend diagram be provided included in power supply and multipart systems.

Insert diagram below. Example diagram designs are; Block diagrams; image(s) with layered data; mechanical drawings



☒ ES ☒ PS ☒ MS ☒ TS ☐ RS

See OVERVIEW OF ENERGY SOURCES AND SAFEGUARDS for details.

IEC 62368-1			
Clause	Requirement + Test		Verdict
B	NORMAL OPERATING CONDITION TESTS, ABNORMAL OPERATING CONDITION TESTS AND SINGLE FAULT CONDITION TESTS		P
B.1	General		P
B.1.5	Temperature measurement conditions	(See appended table B.1.5)	P
B.2	Normal operating conditions		P
B.2.1	General requirements..... :	(See Test Item Particulars and appended test tables)	P
	Audio Amplifiers and equipment with audio amplifiers..... :	(See Annex E)	P
B.2.3	Supply voltage and tolerances		P
B.2.5	Input test..... :	(See appended table B.2.5)	P
F	EQUIPMENT MARKINGS, INSTRUCTIONS, AND INSTRUCTIONAL SAFEGUARDS		P
F.1	General		P
	Language	English	—
F.2	Letter symbols and graphical symbols		P
F.2.1	Letter symbols according to IEC60027-1	Letter symbols for quantities and units are complied with IEC 60027-1	P
F.2.2	Graphic symbols according to IEC, ISO or manufacturer specific	Graphical symbols are complied with IEC 60417, ISO 3864-2, ISO 7000 or ISO 7010	P
F.3	Equipment markings		P
F.3.1	Equipment marking locations	The required marking is located on the enclosure of the equipment and is easily visible.	P
F.3.2	Equipment identification markings		P
F.3.2.1	Manufacturer identification	See copy of marking plate	P
F.3.2.2	Model identification	See copy of marking plate	P
F.3.3	Equipment rating markings	See below for details	P
F.3.3.1	Equipment with direct connection to mains		P
F.3.3.2	Equipment without direct connection to mains		N/A
F.3.3.3	Nature of the supply voltage..... :	Symbol “~” provided	P
F.3.3.4	Rated voltage..... :	100-240V	P
F.3.3.5	Rated frequency..... :	50/60Hz	P
F.3.3.6	Rated current or rated power..... :	See copy of marking plate	P
F.3.3.7	Equipment with multiple supply connections	Single supply connection	N/A
F.3.4	Voltage setting device	No voltage setting device	N/A
F.3.5	Terminals and operating devices		P

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Clause	Requirement + Test	Result - Remark	Verdict
F.3.5.1	Mains appliance outlet and socket-outlet markings	No appliance outlet and socket outlet	N/A
F.3.5.2	Switch position identification marking.....	The IEC60417-5007 and IEC60417-5008 (I and O) are marked on the power switch.	P
F.3.5.3	Replacement fuse identification and rating markings	Evaluated in approved Switching power supply	P
	Instructional safeguards for neutral fuse.....	See manual	P
F.3.5.4	Replacement battery identification marking.....	See Annex M.10	P
F.3.5.5	Neutral conductor terminal		N/A
F.3.5.6	Terminal marking location		P
F.3.6	Equipment markings related to equipment classification		P
F.3.6.1	Class I equipment		P
F.3.6.1.1	Protective earthing conductor terminal.....	Symbol  used.	P
F.3.6.1.2	Protective bonding conductor terminals	No need to be identified.	N/A
F.3.6.2	Equipment class marking.....	Class I equipment	N/A
F.3.6.3	Functional earthing terminal marking.....		N/A
F.3.7	Equipment IP rating marking.....	IP30	P
F.3.8	External power supply output marking.....	Not such apparatus	N/A
F.3.9	Durability, legibility and permanence of marking	Marking is considered to be legible and easily discernible. See also the following details.	P
F.3.10	Test for permanence of markings	The label was subjected to the permanence of marking test. The label was rubbed with cloth soaked with water for 15 sec. And then again for 15 sec, with the cloth soaked with petroleum spirit. After this test there was no damage to the label. The marking on the label did not fade. There was no curling and lifting of the label edge. After each test, the marking remained legible.	P

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Clause	Requirement + Test	Result - Remark	Verdict

B.2.5		TABLE: Input test						P
U (V)	Hz	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status
HDMI mode								
90	50	1.710	--	153.1	--	F1	1.710	Maximum normal load
90	60	1.708	--	152.8	--	F1	1.708	
100	50	1.528	2.2	150.8	--	F1	1.528	
100	60	1.524	2.2	150.6	--	F1	1.524	
240	50	0.635	0.9	147.2	--	F1	0.635	
240	60	0.631	0.9	147.0	--	F1	0.631	
264	50	0.589	--	146.5	--	F1	0.589	
264	60	0.586	--	146.2	--	F1	0.586	
Android mode								
90	50	1.698	--	151.9	--	F1	1.698	Maximum normal load
90	60	1.695	--	151.6	--	F1	1.695	
100	50	1.516	2.2	149.6	--	F1	1.516	
100	60	1.514	2.2	149.4	--	F1	1.514	
240	50	0.629	0.9	146.0	--	F1	0.629	
240	60	0.626	0.9	145.8	--	F1	0.626	
264	50	0.583	--	145.3	--	F1	0.583	
264	60	0.581	--	145.1	--	F1	0.581	

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Clause		Requirement + Test				Result - Remark		Verdict
USB2.0 mode								
90	50	1.681	--	150.3	--	F1	1.681	Maximum normal load
90	60	1.679	--	150.1	--	F1	1.679	
100	50	1.500	2.2	148.0	--	F1	1.500	
100	60	1.497	2.2	147.8	--	F1	1.497	
240	50	0.623	0.9	144.4	--	F1	0.623	
240	60	0.621	0.9	144.2	--	F1	0.621	
264	50	0.578	--	143.7	--	F1	0.578	
264	60	0.575	--	143.4	--	F1	0.575	
USB3.0 mode								
90	50	1.659	--	148.3	--	F1	1.659	Maximum normal load
90	60	1.656	--	148.0	--	F1	1.656	
100	50	1.481	2.2	146.0	--	F1	1.481	
100	60	1.478	2.2	145.8	--	F1	1.478	
240	50	0.615	0.9	142.6	--	F1	0.615	
240	60	0.613	0.9	142.3	--	F1	0.613	
264	50	0.571	--	141.9	--	F1	0.571	
264	60	0.569	--	141.7	--	F1	0.569	
Supplementary information:								
1. Equipment maybe have rated current or rated power or both. Both should be measured. 2. Maximum normal load: EUT operated with full screen, maximum brightness contrast and continuously three vertical bar signal for video input terminal, 1K Hz signal was applied to the audio input terminal, speakers loaded with 1/8 maximum non-clipped output power, USB2.0 ports load 5V /0.5A * 1, USB3.0 ports load 5V/0.9A *2, Type-C in port max load 5V/3.0A* 1								

-----End of the report -----