Test Report issued under the responsibility of:

TÜVRheinland®

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

Report Number ..... :	CN22OSV2 002
Date of issue ..... :	Aug.01,2022
Total number of pages ..... :	15
Name of Testing Laboratory preparing the Report ..... :	**TÜV Rheinland (Shenzhen) Co., Ltd.**
Applicant's name ..... :	**TPV Electronics (Fujian) Co., Ltd.**
Address ..... :	Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian, P.R.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

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

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) .....:	AOC
Manufacturer.....:	Same as applicant
Model/Type reference .....:	CU34V5C, CU34V5CW, CU34V5C*******, **U34V5C**, **U34V5C********** (* can be 0-9, A-Z, a-z, –, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose)
Ratings .....:	I/P: 100-240V~, 50/60Hz, 3A

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☐	**CB Testing Laboratory:**	**TÜV Rheinland (Shenzhen) Co., Ltd.**	
Testing location/ address .....:		CTF Stage 1 procedure used. For address of testing location see “Test procedure: CTF Stage 1” below.	
Tested by (name, function, signature) .....:			
Approved by (name, function, signature) ..:			
☒	**Testing procedure: CTF Stage 1:**	TPV Electronics (Fujian) Co., Ltd.	
Testing location/ address .....:		Shangzheng, Yuan Hong Road Fuqing City, Fujian, P.R.China	
Tested by (name, function, signature) .....:		Anderson Wang Senior Project Manager	
Approved by (name, function, signature) ..:		Steven Lin Technical Reviewer	
☐	**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):

- Measurement Section (1 Pages)
- Photo documentation (4 Pages)

Summary of testing:

Tests performed (name of test and test clause):

name of test	test clause number
Maximum operating temperature test (Heating test)	5.4.1.4, 9.3, B.1.5, B.2.6
Top Openings in Fire Enclosure	6.4.8.3.3
Bottom Openings in Fire Enclosure	6.4.8.3.4
Steady force test, 30N, 250N	Annex T.3, T.5

Testing location:

All tests as described in Test Case and Measurement Sections were performed at the laboratory described on page 2.

Summary of compliance with National Differences (List of countries addressed):

EU Group Differences, EU Special National Conditions, CA, DK, SG, US

Explanation of used codes: CA=Canada, DK=Demark, SG=Singapore, US=United States of America

The product fulfils the requirements of EN IEC 62368-1:2020+ A11:2020 and BS EN IEC 62368-1: 2020 + A11: 2020.

For National Differences see corresponding Attachment of original report CN22OSV2 001.

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:

Refer to original report CN22OSV2 001 for original rating labels.

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.....:	☒ 20 A; Location: ☒ building ☐ equipment ☐ N/A
Equipment mobility .....:	☒ movable ☐ hand-held ☐ transportable ☐ direct plug-in ☐ stationary ☐ 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 .....:	☒ IPX0 ☐ 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) .....:	Approx. 9.35kg (with base); Base weight: 2.61kg

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 .....: 20.Jun.2022

Date (s) of performance of tests .....: 27.Jul.2022 - 29.Jul.2022

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 IECEE 02:

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) ..... : See original report CN22OSV2 001 for the details.

General product information and other remarks:

Product Description –

Description of change(s):

1. Add new models **U34V5C**, **U34V5C********, which are identical to original models except for type designation;
2. Add new alternative metal enclosure **type B**. Meanwhile, original metal enclosure mentioned on original report CN22OSV2 001 named as type A;
3. Correct data of Table 5.4.1.4, 9.3, B.1.5, B.2.6 due to typing error in original report CN22OSV2 001;
4. Correct model name on Photo documentation of original report CN22OSV2 001 from "CU34V5C********" to "CU34V5C, CU34V5CW, CU34V5C*******" due to typing error.

For the above described change(s) the following was considered to be necessary:

Change	Testing	Comments
1.-2.	- See Summary of testing on Page 3 for the details.	See following pages for details.
3.-4.	- N/A	See bold information of Table 5.4.1.4, 9.3, B.1.5, B.2.6 in following pages for details.

Model Differences –

All models are identical except for type designation;
Models CU34V5C, CU34V5CW are specified model of model CU34V5C******* listed by client's request;
Model U34V5C are specified model of model U34V5C******** listed by client's request.

History of amendments and modifications:
Ref. No. CN22OSV2 001 dated 2022-Jun-08 (original test report)
Ref. No. CN22OSV2 002 dated 2022-Jul-29 (modification)

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: L/N pin of appliance inlet	Ordinary	--	--	Bleeder Resistors, discharge ICX
ES3: Primary circuit	Ordinary	Air gap	Enclosure	Transformers, Photo Couplers, Y1 capacitor
ES1: all DC outputs of SPS	Ordinary	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	1st S	2nd S
PS3	Combustible materials inside Power board	Ignition not occur	Fire enclosure	--
PS2	Combustible materials of DC input after fuse on main board	Ignition not occur	Mounted on V-1 min. PCB	--
7	Injury caused by hazardous substances			
Class and Energy Source (e.g. Ozone)	Body Part (e.g., Skilled)	Safeguards		
		B	S	R
N/A	N/A	N/A	N/A	N/A
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	N/A	N/A	N/A
MS3: Wall mount	Ordinary	--	--	Compliance with test 8.7.2
MS2: Equipment mass	Ordinary	N/A	N/A	Compliance with test 8.6
9	Thermal burn			
Class and Energy Source (e.g. TS1: Keyboard caps)	Body Part (e.g., Ordinary)	Safeguards		
		B	S	R
TS1: Accessible parts	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: Indicating lights	Ordinary	N/A	N/A	N/A

RS1: LED backlight of LCD panel	Ordinary	N/A	N/A	N/A
Supplementary Information: "B" – Basic Safeguard; "S" – Supplementary Safeguard; "R" – Reinforced Safeguard				

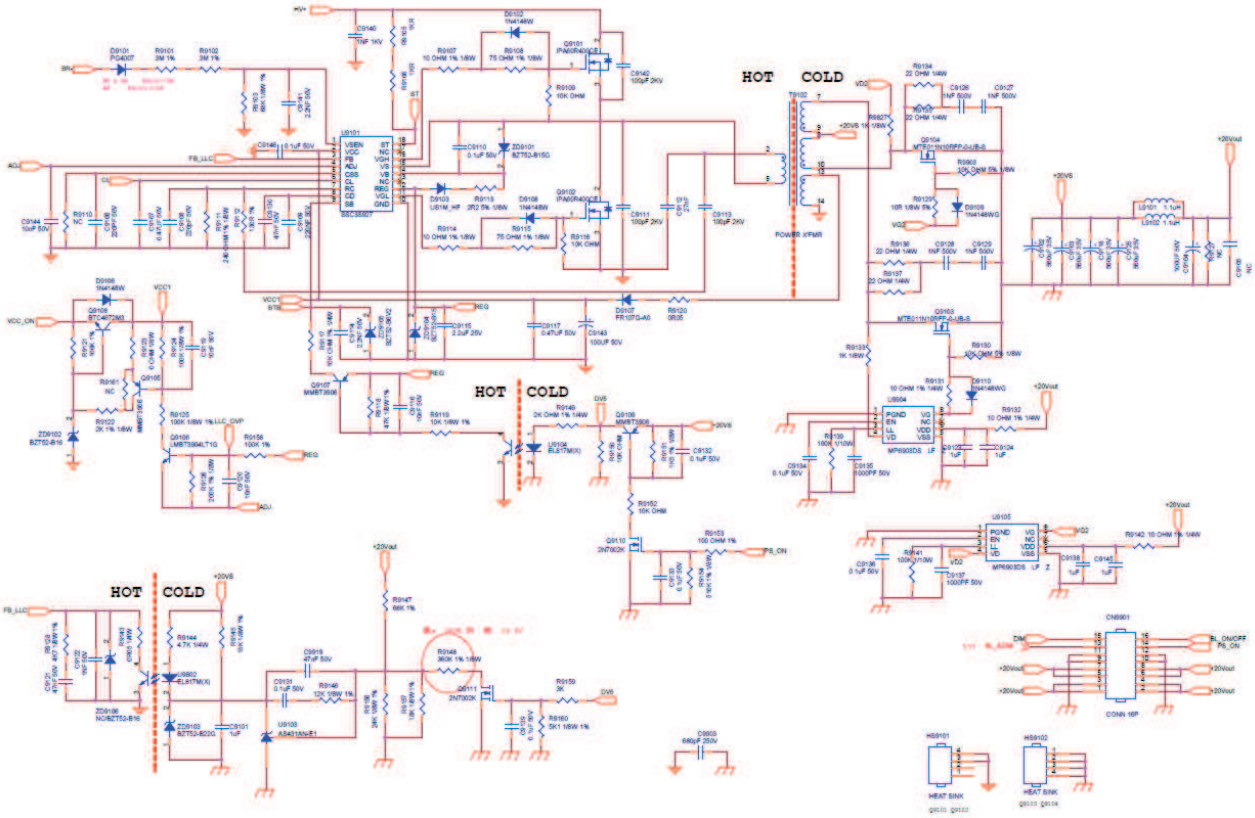
ENERGY SOURCE DIAGRAM

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

ES1, ES3, PS2, PS3

(See **ENERGY SOURCE IDENTIFICATION AND CLASSIFICATION TABLE** for the details)



☒ ES ☒ PS ☐ MS ☐ TS ☐ RS

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

5.4.1.4, 9.3, B.1.5, B.2.6	**TABLE: Temperature measurements**				P
Supply voltage (V) .....:	90V/ 60Hz	264V/ 60Hz	--	--	—
Ambient temperature during test T_{amb} (°C) .....:	See below	See below	--	--	—
Maximum measured temperature *T* of part/at:	*T* (°C)				Allowed T_{max} (°C)
Tested with metal enclosure type A, HDMI mode	Horizontal		--		--
AC inlet near "L" (on power board)	64.9	60.0	--	--	70
X-cap C9901 (on power board)	72.2	67.0	--	--	100
Y-cap C9905 (on power board)	73.0	68.0	--	--	125
Y-cap C9903 (on power board)	80.7	74.8	--	--	125
E-cap C9801 (on power board)	98.8	80.4	--	--	105
L9901 Coil (on power board)	101.3	83.1	--	--	130
L9902 Coil (on power board)	96.0	77.4	--	--	130
L9801 Coil (on power board)	**99.5**	**86.2**	--	--	130
T9102 Coil (on power board)	**105.1**	**102.4**	--	--	110
T9102 Core (on power board)	**100.8**	**91.4**	--	--	110
Optical coupler U9104 body (on power board)	86.1	73.5	--	--	100
PCB near L9102 Coil (on power board)	80.7	73.9	--	--	130
Mylar between panel and power board	80.3	77.4	--	--	125
PCB near TH9901 (on power board)	87.6	77.9	--	--	130
PCB near BD9901 (on power board)	111.7	82.8	--	--	130
PCB near D9801 and Q9801 (on power board)	112.2	74.0	--	--	130
PCB near Q9103 and Q9104 (on power board)	85.8	80.9	--	--	130
PCB near main IC (on main board)	76.2	76.5	--	--	130
Plastic enclosure inside near T9102	52.4	51.7	--	--	Ref.
Ambient	40.0	40.0	--	--	--
Touch temperature for accessible part under normal condition					
Metal enclosure	54.7	51.4	--	--	70
Plastic enclosure outside near T9102	31.8	31.7	--	--	94
Panel surface	26.9	31.5	--	--	94
Button	26.1	26.7	--	--	77
Ambient	25.0	25.0	--	--	--

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

Temperature T of winding:	t_1 (°C)	R_1 (Ω)	t_2 (°C)	R_2 (Ω)	T (°C)	Allowed T_{max} (°C)	Insulation class
--	--	--	--	--	--	--	--

Supplementary information:

1. The temperatures were measured under worst case normal mode defined in B.2.5 and at voltages as described above.
2. The instruction installation manual defines the Tma at 40 °C.

   Winding components (providing safety isolation):

   - Class 130 material (B) Tmax = 120 °C – 10 °C = 110 °C

   Components with maximum absolute temperature of others:

   Tmax = Tmax of component
3. All values for T (°C) are re-calculated from actual ambient.

5.4.1.4, 9.3, B.1.5, B.2.6	**TABLE: Temperature measurements**				P
Supply voltage (V) .....:	90V/ 60Hz	--	--	--	—
Ambient temperature during test T_{amb} (°C) .....:	See below	--	--	--	—
Maximum measured temperature *T* of part/at:	*T* (°C)				Allowed T_{max} (°C)
Tested with metal enclosure type B, HDMI mode	Horizontal		--		--
AC inlet near "L" (on power board)	67.5	--	--	--	70
X-cap C9901 (on power board)	75.1	--	--	--	100
Y-cap C9905 (on power board)	76.0	--	--	--	125
Y-cap C9903 (on power board)	84.0	--	--	--	125
E-cap C9801 (on power board)	102.8	--	--	--	105
L9901 Coil (on power board)	105.4	--	--	--	130
L9902 Coil (on power board)	99.9	--	--	--	130
L9801 Coil (on power board)	103.5	--	--	--	130
T9102 Coil (on power board)	109.3	--	--	--	110
T9102 Core (on power board)	104.9	--	--	--	110
Optical coupler U9104 body (on power board)	89.6	--	--	--	100
PCB near L9102 Coil (on power board)	84.0	--	--	--	130
Mylar between panel and power board	83.5	--	--	--	125
PCB near TH9901 (on power board)	91.1	--	--	--	130

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

PCB near BD9901 (on power board)	116.2	--	--	--	130
PCB near D9801 and Q9801 (on power board)	116.7	--	--	--	130
PCB near Q9103 and Q9104 (on power board)	89.3	--	--	--	130
PCB near main IC (on main board)	79.3	--	--	--	130
Plastic enclosure inside near T9102	54.5	--	--	--	Ref.
Ambient	40.0	--	--	--	--
Touch temperature for accessible part under normal condition					
Metal enclosure	52.7	--	--	--	70
Plastic enclosure outside near T9102	35.1	--	--	--	94
Panel surface	29.7	--	--	--	94
Button	28.9	--	--	--	77
Ambient	25.0	--	--	--	--

Temperature T of winding:	t_1 (°C)	R_1 (Ω)	t_2 (°C)	R_2 (Ω)	T (°C)	Allowed T_{max} (°C)	Insulation class
--	--	--	--	--	--	--	--

Supplementary information:

1. The temperatures were measured under worst case normal mode defined in B.2.5 and at voltages as described above.
2. The instruction installation manual defines the Tma at 40 °C.

   Winding components (providing safety isolation):

   - Class 130 material (B) Tmax = 120 °C – 10 °C = 110 °C

   Components with maximum absolute temperature of others:

   Tmax = Tmax of component
3. All values for T (°C) are re-calculated from actual ambient.

T.2, T.3, T.4, T.5	**TABLE: Steady force test**	P

Location/Part	Material	Thickness (mm)	Probe	Force (N)	Test Duration (s)	Observation
Internal metal enclosure	See table 4.1.2	See table 4.1.2	Figure V.1	30	5	All safeguards remained effective.
Bottom of internal metal enclosure	See table 4.1.2	See table 4.1.2	Figure V.1	250	5	All safeguards remained effective.

Supplementary information:

List of test equipment used:

A completed list of used test equipment shall be provided in the Test Reports when a Customer's Testing Facility according to CTF stage 1 or CTF stage 2 procedure has been used.
Note: This page may be removed when CTF stage 1 or CTF stage 2 are not used. See also clause 4.8 in OD 2020 for more details.

Clause	Test description	Equipment No.
☐ 5.2	Classification of electrical energy sources	921061908143 (OR 2318011076), 2340, 921091603167, 21880307041, 21E10610099
☐ 5.3.2	Accessibility to electrical energy sources and safeguards (Accessibility test)	21820711002, 21AZ0711002, 21AZ0711003
☒ 5.4.1.4, 6.3.2, 9.0, B.2.6	Maximum operating temperature test (Heating test)	921061908143 (OR 2318011076), 2340, 21Z80105001, 921321806007 (OR 921321911010 OR 921322003011), 2209-006185 (OR 2209-006184)
☐ 5.4.1.8	Determination of working voltage	921061908143 (OR 2318011076), 2340, 921091603167
☐ 5.4.2.2, 5.4.2.4 and 5.4.3	Minimum Clearances/Creepage distance	21AJ0102049
☐ 5.4.8	Humidity test	921451911023, 21470208035
☐ 5.4.9	Electric strength test	21470208035
☐ 5.5.2.2	Safeguards against capacitance discharge test	921061908143 (OR 2318011076), 2340, 921091603167, 21E10610099
☐ 5.6.6.2	Resistance of the protective bonding system (Ground continuity test)	21470208035
☐ 5.7.2.2, 5.7.4	Earthed accessible conductive part test	21880307041
☐ 6.2.2	Electrical Power Source (PS) measurements for classification	921061908143 (OR 2318011076), 2340, 21E10610099, 921621912275, 21580403031
☐ 6.4.8.3.3	Top Openings in Fire Enclosure	21AJ0102049
☐ 6.4.8.3.4	Bottom Openings in Fire Enclosure	21AJ0102049
☐ 8.6	Stability test	21F11801244
☐ Annex B.2.5	Input test	921061908143 (OR 2318011076), 2340, 2209-006185 (OR 2209-006184)

☐ Annex B.3	Simulated abnormal operating and single fault conditions	921061908143 (OR 2318011076), 2340, 21Z80105001, 921321806007 (OR 921321911010 OR 921322003011), 921621912275, 21580403031, 2209-006185 (OR 2209-006184)
☐ Annex B.4	Simulated abnormal operating and single fault conditions	921061908143 (OR 2318011076), 2340, 21Z80105001, 921321806007 (OR 921321911010 OR 921322003011), 921621912275, 21580403031
☐ Annex F.3.10	Test for permanence of markings	N/A
☐ Annex P.4	Adhesive test	921452004025
☐ Annex Q.1	Limited power source test (LPS)	921061908143 (OR 2318011076), 2340, 21E10610099, 921621912275, 21580403031
☐ Annex M	Batteries	921061908143 (OR 2318011076), 2340, 21E10610099, 921621912275, 21580403031
☒ Annex T.2, T.3	Steady force test, 10N, 30 N	21AK0305009
☒ Annex T.5	Steady force test, 250 N	21AK0305010
☐ Annex T.6	Enclosure impact test	21F1004002, 21SP0711057
☐ Annex T.8	Stress relief test	21360306007

Equipment list mentioned on above table

Equipment No.	Object Description	Range Used	Manufacturer	Model number	Interval in months G/C	Next date G/C
21360306007	Oven	Input: 380W,50Hz, output: Temp Range:50℃-200℃,	Terchy	CK-290	12	09-Dec-2022
921452004025	high-low temperature test chamber	-40~150°C	Keheng	WGDW-225	12	11-Apr-2023
921061908143	AC Power Source	Input: 110/220 ±15 % output: 0-300Vac,47-63Hz	APC	KDF-11005G	12	07-Sep-2022
2318011076	AC Power Source	Input: 110/220V ±15 % output: 0-300Vac,47-63Hz	APC	AFC-0.5KW	12	09-Dec-2022
921620801054	Electronic load	Input: 220VAC, 50 Hz or 60 Hz±2% output: Maximum , 300W, 60V, 60A	Prodigit	AN23103M	12	21-Apr-2023
921621912275	Electronic load	Input:220VAC, 50 Hz or 60 Hz±2% output: Maximum, 300W, 60V, 60A	Prodigit	3311F*2+3312 F*2+ 3300F	12	06-Dec-2022

21470208035	Hi-pot/Grounding tester	Input: 220VAC, 50 Hz or 60 Hz±2%. output: Maximum, 0.05-5KVAC, 0.05-6KVDC, 0.1-10Ma, current: (Ground-Earth) 3.0-30.0Aac	Zentech	9032A	12	08-Dec-2022
21880307041	Leakage current meter	Input: Two (2) 9 volt, NEDA type 1604A alka line batteries, Output Sensitivity: Full scale meter deflection equals 1 volt RMS (measured with a 1M_, 12 pF load), Voltage Range: 0-300 volts (AC or DC), Current Range: 10MIU,3MIU,1MIU	Simpson	SIMPSON-228	12	23-Feb-2023
921321806007	Temperature recorder	Input: 100-240VAC, 50Hz or 60Hz±2% output: -200-1370°C, k Type	Yokogawa	DR-230	12	28-Jul-2023
921321911010	Temperature recorder	Input: 100-240VAC, 50 Hz or 60 Hz±2% output: -200-1370°C,k Type	Yokogawa	GP-20-(50)	12	21-Apr-2023
921322003011	Temperature recorder	Input: 100-240VAC, 50 Hz or 60 Hz±2% output: -200-1370°C,k Type	Yokogawa	GP-20-(100)	12	2-Mar-2023
921091603167	Oscillograph	Bandwidth:1GHz Maximum Memory:5MB Maximum Sample Rate:5GS/s	Tektronix	MSO4104B-L	12	08-Dec-2022
21AK0305009	Push pull gage	Output: Max. 100N	ALGOL	AN-100	12	11-Nov-2022
21AK0305010	Push pull gage	Output: Max. 50kg	ALGOL	AK-50	12	11-Nov-2022
921100511007	Push pull gage	Output: Max. 200N	ALGOL	NK-200	12	26-May-2023
21580403031	Multimeter	Input: 4 alkaline battery, NEDA,15A, Output: Voltmeter Range: 0-1000 volts (AC or DC), Current Range:0-10A	FLUKE	189	12	24-Jan-2023
21E10610099	Thermo-Hygrograph	Temperature Range:-35-45°C, Humidity:30%-100%RH, Recording period:7d	Shanghai Meteorlogical Instrument	ZJ 1-2B	12	28-Jun-2022
21AJ0102049	Digital Vernier caliper	Input: 1.5V Button cell, 0-200mm, Minimum resolution:0.01mm, Range:0-200mm	Mitutoyo	0-200	12	15-Jan-2023
21820711002	test pin	19.8°C/54RH	Excel	19JE	12	12-Oct-2022
21AZ0711002	Inflexible test finger	19.8°C/54RH	Excel	P-10.05	12	12-Oct-2022
21AZ0711003	Flexible test finger	19.8°C/54RH	Excel	P-10.04	12	12-Oct-2022
2182-0711003	test pin	19.8°C/54RH	Excel	HLP-01	12	12-Oct-2022
21SP0711057	Steel ball	500g	Excel	500g	12	12-Oct-2022
21SP0711056	Ball stress	20.2°C/60%RH	Excel	0-3KG	12	12-Oct-2022

2340	Power meter	Input: 200-250Vac, 50/60Hz or 60Hz output: Current Range: 0-20A, Voltage Range: 0-500Vac	IDRC	Cp-320A	12	11-Oct-2022
2209-006185	Video pattern Generator	Input: 90-132/180-250Vac, 50/60 Hz,1.5A Fuse: T2A/250V Output: Range: 3.126-250MHz	Chroma	2325	12	01-Dec-2022
2209-006184	Video pattern Generator	Input: 90-132/180-250VAC, 50/60 Hz, 1.5A Fuse: T2A/250V Output: Range: 3.126-250MHz	Chroma	2325	12	01-Dec-2022
21AP1704170	Electronic balance	Weight: 0.1g-150kg	YINZHAN (英展)	XK3150(W)	12	03-Jan-2023
921071009013 (1020-2006779)	TV Leakage current meter	Input: 115-230VAC±10%, Max. Current: 5A,50-60HZ, Output: Current Range 0-7.0A	TaiGe	TG7623	12	30-Aug-2022
21Z80105001	Timer	/	Shanghai Stopwatch Factory	/	12	28-Sep-2022
21F11801244	Angle gauge	0-90°	NIIGATA SEIKI	/	12	23-Feb-2023
921451911023	Humidity Chamber	+20~60°C	Keheng	KTH-1800-(+20)-TP	12	16-Nov-2022
21F1004002	Steel ruler	0-5m	/	/	24	28-Sep-2023

Statement of Measurement Uncertainty

The Test Report shall include a statement concerning the uncertainty of the measurement systems used for the tests conducted when it is required by the standard, client or other authorities.
In such cases, the table below is to be used for reporting U of M.

This page may be removed from the final Test Report when not required. See also clause 4.8 in OD 2020 for more details.

Clause #	Parameter/ Measurement / test method	Requirement % or k	Calculated U of M*

*Note: Calculations leading to the reported value are on file with the NCB

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict

6.4.8.3.3, 6.4.8.3.4 & P.2.2	**Table: enclosure openings**	**P**

Location	Size (mm)	Comments
Internal metal chassis as fire enclosure		
Top	1) Numerous circle openings near power board: ∅2.9mm. 2) One rectangle opening above power board: Max. 25.4mm x 20.6mm 3) Two rectangle openings above main board: Max. 30.3mm x 25.5mm. Max. 77.5mm x 12.6mm	1) Openings do not exceed 5mm in any dimension. No hazards. 2)-3) No opening was fall in Volume of PS3 PIS component shown as Figure 41 and 42 of this standard. No hazards.
Rear	1) Two circle opening above power board: ∅2.9mm; 2) Two circle opening above main board: ∅2.9mm; 3) Two rectangle openings above main board: Max. 30.3mm x 20 mm; Max. 77.5mm x 20 mm	1) Opening is covered by V-0 Mylar sheet. No hazards. 2)-3) No opening was fall in Volume of PS3 component shown as Figure 41 and 42 of this standard. No hazards.
Left	No opening.	--
Right	1) Numerous circle openings near power board: ∅1.6mm. 2) One gap near power board: Max. 1mm in width	1) Openings do not exceed 3mm in any dimension. No hazards. 2)-3) Width of openings do not exceed 1mm. No hazards.
Bottom	Numerous circle openings under power board: ∅1.7mm.	Openings do not exceed 3mm in any dimension. No hazards.

Product: LCD MONITOR

Type Designation: CU34V5C, CU34V5CW, CU34V5C*******, U34V5C, U34V5C******** (* can be 0-9, A-Z, a-z, –, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose)

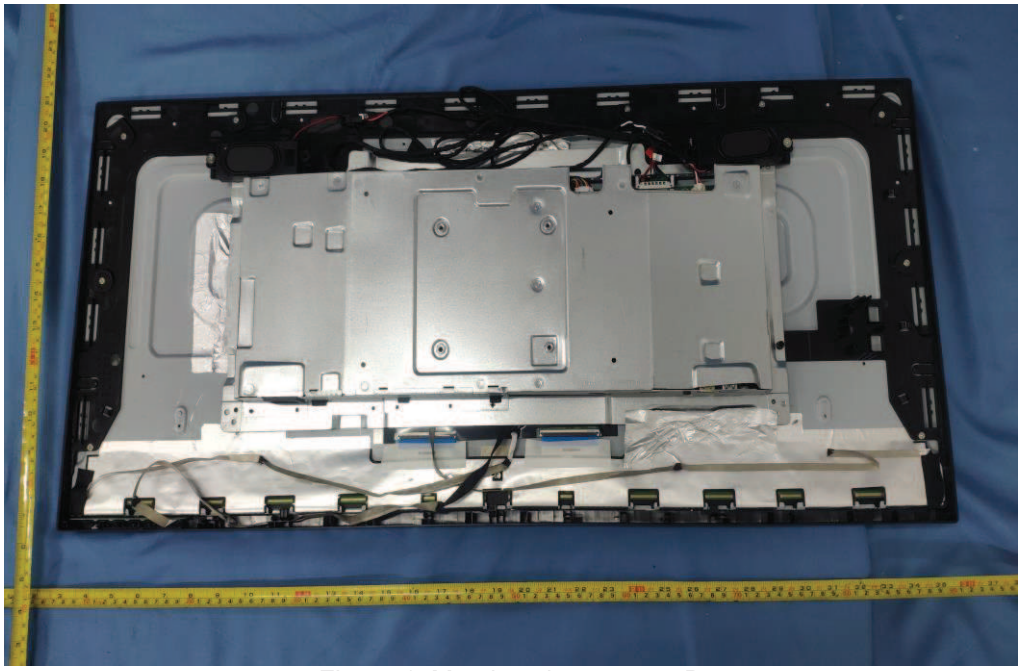


Figure 1. Metal enclosure type B

Figure 2. Metal enclosure type B

Product: LCD MONITOR

Type Designation: CU34V5C, CU34V5CW, CU34V5C*******, U34V5C, U34V5C******** (* can be 0-9, A-Z, a-z, –, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose)

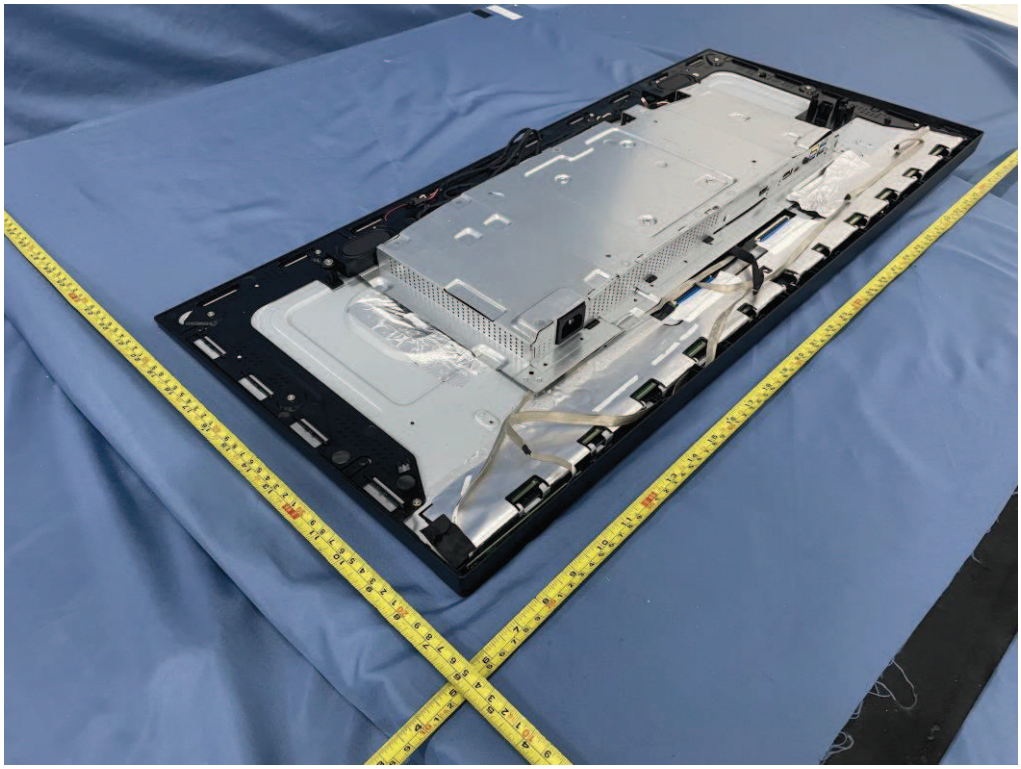


Figure 3. Metal enclosure type B

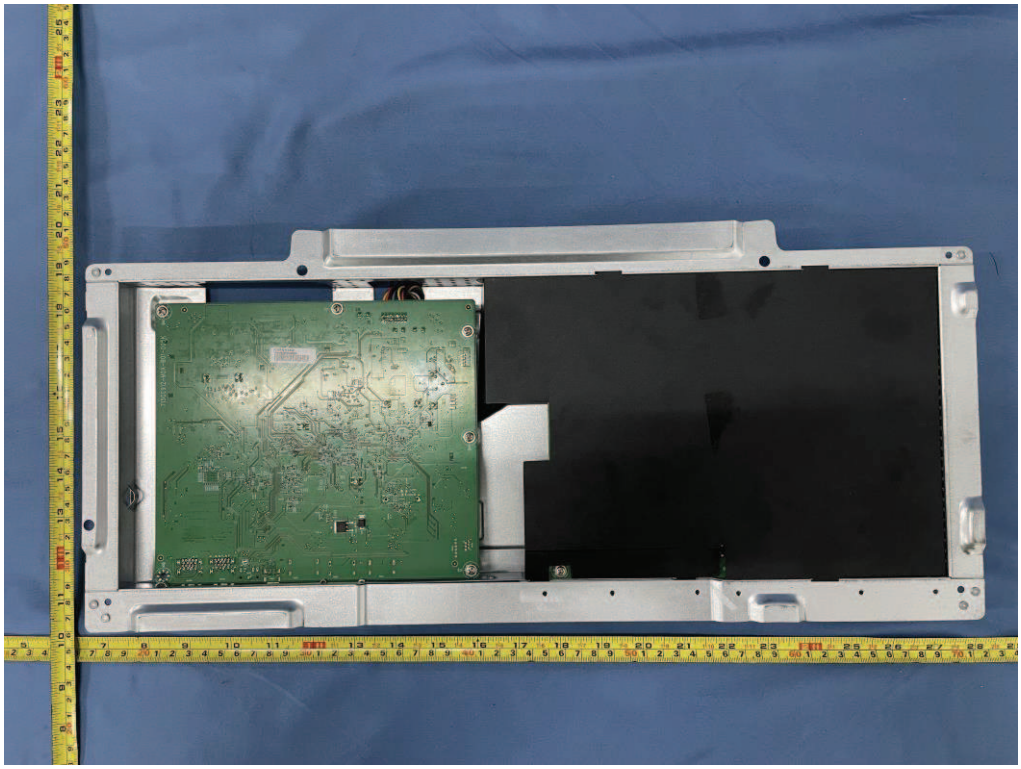


Figure 4. Internal view of metal enclosure type B

Product: LCD MONITOR

Type Designation: CU34V5C, CU34V5CW, CU34V5C*******, U34V5C, U34V5C******** (* can be 0-9, A-Z, a-z, –, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose)

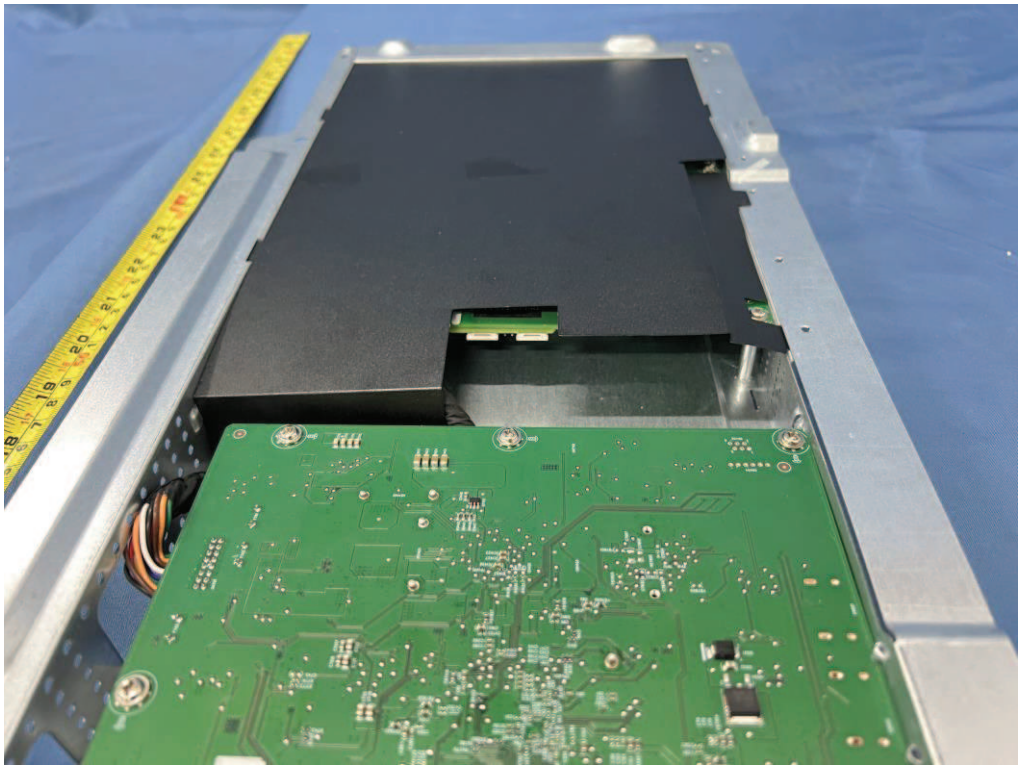


Figure 5. Internal view of metal enclosure type B

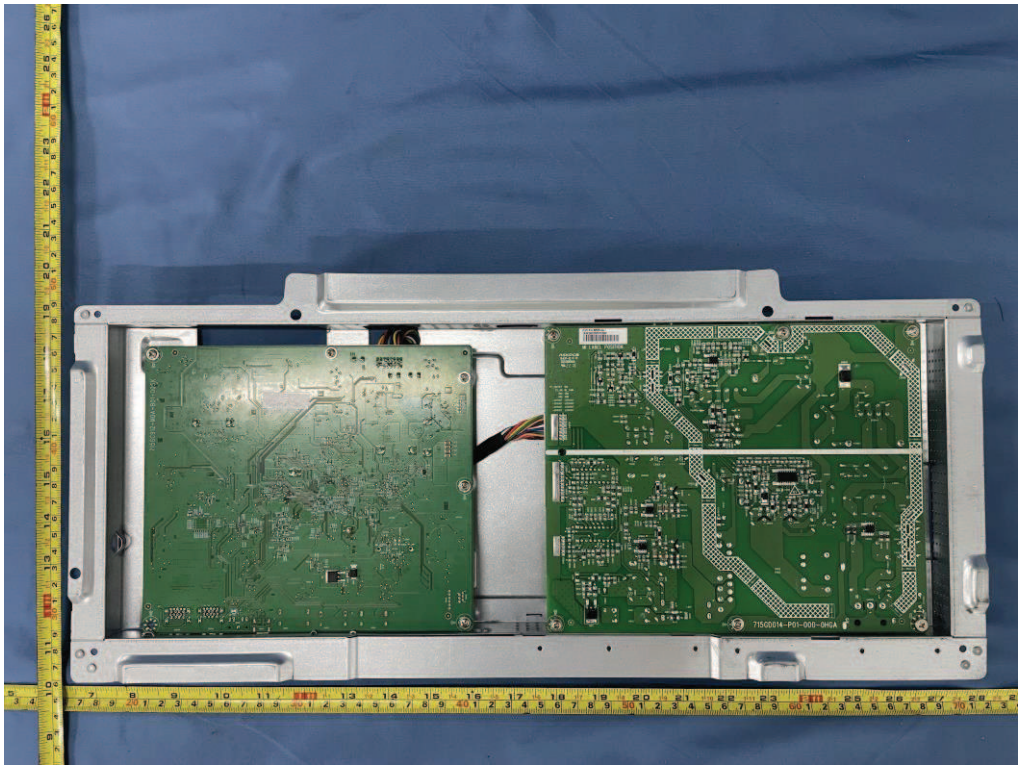


Figure 6. Internal view of metal enclosure type B

Product: LCD MONITOR

Type Designation: CU34V5C, CU34V5CW, CU34V5C*******, U34V5C, U34V5C******** (* can be 0-9, A-Z, a-z, –, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose)

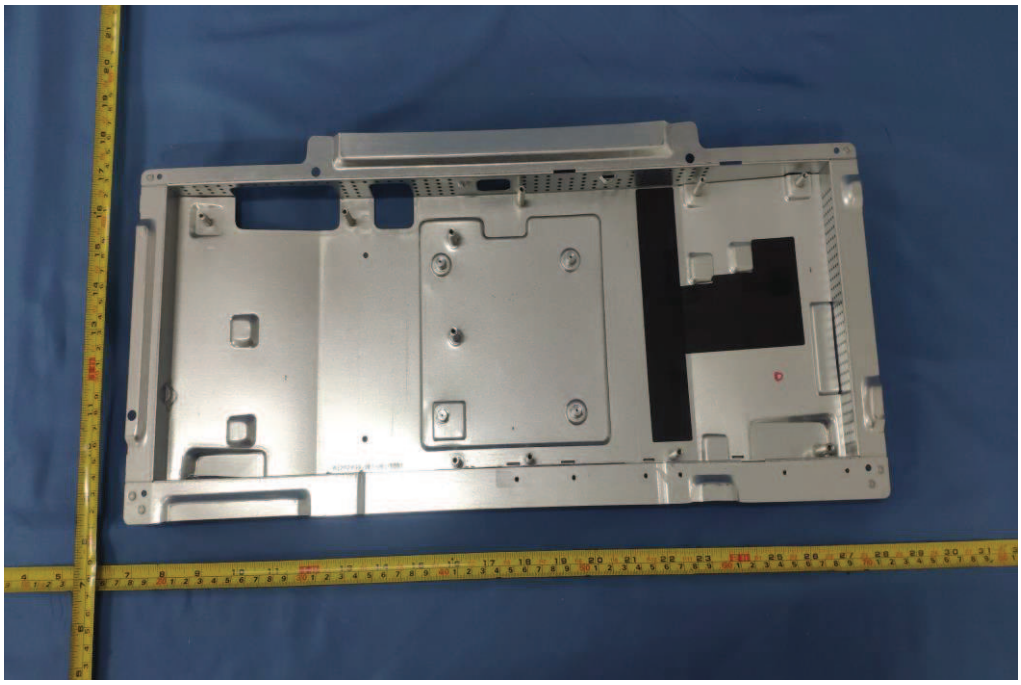


Figure 7. Internal view of metal enclosure type B