



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..... : 60436668 003

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Total number of pages : 51

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

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General disclaimer:

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

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Test item description	LCD Monitor	
Trade Mark(s)	AOC	
Manufacturer	Same as applicant	
Model/Type reference	25G3*****, U25G3*****, Q25G3*****, C25G3*****, C*25G3***** (* 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, 1.5A	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input type="checkbox"/>	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) ..		
<input checked="" type="checkbox"/>	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)		Solina Zhao Project Engineer 
Approved by (name, function, signature) ..		Anderson Wang Technical Reviewer 
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
Testing location/ address		
Tested by (name, function, signature)		
Witnessed by (name, function, signature) . .		
Approved by (name, function, signature) ..		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	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):

- Photo documentation (2 Pages)
- Measurement Section (4 Pages)

Summary of testing:**Tests performed (name of test and test clause):**

name of test	test clause number
Classification of electrical energy sources	5.2
Maximum operating temperature test (Heating test)	5.4.1.4, 9.3, B.1.5, B.2.6
Determination of working voltage	5.4.1.8
Minimum Clearances/Creepage distance	5.4.2, 5.4.3
Humidity test	5.4.8
Electric strength test	5.4.9
Safeguards against capacitance discharge test	5.5.2.2
Resistance of the protective bonding system (Ground continuity test)	5.6.6.2
Unearthed accessible conductive part test	5.7.4
Earthed accessible conductive part test	5.7.5
Electrical Power Source (PS) measurements for classification	6.2.2
Input test	Annex B.2.5
Abnormal operating and fault condition tests	Annex B.3, B.4
Adhesive test	Annex P.4
Limited power source test (LPS)	Annex Q.1
Steady force test, 10N	Annex T.2

Testing location:

All tests as described in Test Case and Measurement Sections were performed at the CTF stage 1 described on page 2.

The EUT passed the test.

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=Denmark, 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 60436668 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:

- See original report 60436668 001 for the details.