



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..... : 60436687 001

Date of issue ..... : Jul.16.2021

Total number of pages ..... : 113

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-F1:2020, Ed.1.3

Test Report Form No..... : IEC62368\_1E

Test Report Form(s) Originator.... : UL(US)

Master TRF ..... : Dated 2021-02-04

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**General disclaimer:**

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

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<b>Test item description .....</b>	LCD MONITOR (LED backlight)	
<b>Trade Mark(s) .....</b>	AOC	
<b>Manufacturer .....</b>	Same as applicant	
<b>Model/Type reference .....</b>	24G1*****, C24G1*****, C*24G1*****, Q24G1*****, U24G1*****, 24G2*****, C24G2*****, C*24G2*****, Q24G2*****, U24G2*****, 27G1*****, C27G1*****, C*27G1*****, Q27G1*****, U27G1*****, 27G2*****, C27G2*****, C*27G2*****, Q27G2*****, U27G2*****, (* can be 0-9, A-Z, a-z, "+", "-", "/", "\" or blank, Represent different enclosure colour and sales region for marketing purpose. No technology differences)	
<b>Ratings .....</b>	I/P: 100-240V~, 50/60Hz, 1.5A	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>CB Testing Laboratory:</b>	TÜV Rheinland (Shenzhen) Co., Ltd.
<b>Testing location/ address .....</b>	1601 R&D Room, 1602-1604, 17-18F, Building 7 Site C, Vanke Cloud City Phase I, Xingke First Street, Xili Street, Xili Community, Nanshan District, Shenzhen 518052, P.R. China	
<b>Tested by (name, function, signature) .....</b>	Anderson Wang Senior Project Manager	
<b>Approved by (name, function, signature) ..</b>	Steven Lin Technical Reviewer	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature) .....</b>		
<b>Approved by (name, function, signature) ..</b>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature) .....</b>		
<b>Witnessed by (name, function, signature) . :</b>		
<b>Approved by (name, function, signature) .. :</b>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 4:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name, function, signature) .....</b>		
<b>Witnessed by (name, function, signature) . :</b>		
<b>Approved by (name, function, signature) .. :</b>		

<b>Supervised by (name, function, signature) :</b>		
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**List of Attachments (including a total number of pages in each attachment):**

- Measurement Section (8 Pages)
- National Differences (30 Pages)
- Photo documentation (30 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
Accessibility to electrical energy sources and safeguards (Accessibility test)	5.3.2
Maximum operating temperature test (Heating test)	5.4.1.4, 6.3.2, 9.0, B.2.6
Determination of working voltage	5.4.1.8
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
Earthed accessible conductive part test	5.7.2.2, 5.7.4
Electrical Power Source (PS) measurements for classification	6.2.2
Stability	8.6
Wall or ceiling mount loading test	8.7
Input test	Annex B.2.5
Simulated abnormal operating and single fault conditions	Annex B.3, B.4
Test for permanence of markings	Annex F.3.10
Transformer insulation	Annex G.5.3.2
Transformer overload	Annex G.5.3.3
Safeguards against entry of foreign object	Annex P.2.2
Adhesive test	Annex P.4
Limited power source test (LPS)	Annex Q.1
Limited short circuit test	Annex R
Steady force test, 10N, 30N, 250N	Annex T.2, T.3, T.5
Enclosure impact test	Annex T.6
Stress relief test	Annex T.8

**Testing location:**

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

The EUT passed the test.

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

Summary of compliance with National Differences to IEC 62368-1:2020 (Third Edition) and EN IEC 62368-1:2020+ A11: 2020 (for explanation of codes see below):

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

Explanation of used codes: CA=Canada, DK=Denmark, US=United States of America

**The product fulfils the requirements of EN IEC 62368-1:2020+ A11:2020**

For National Differences see corresponding Attachment.

**Statement concerning the uncertainty of the measurement systems used for the tests**

(may be required by the product standard or client)

**Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:**

**Procedure number, issue date and title:**

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.

**Statement not required by the standard used for type testing**

(Note: When IEC or ISO standard requires a statement concerning the uncertainty of the measurement systems used for tests, this should be reported above. The informative text in parenthesis should be delete in both cases after selecting the applicable option)

**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.



**AOC** LCD MONITOR (LED backlight)  
/ ЖК-монитор

Warning: Shock Hazard, Do Not Open.  
Pour éviter une électrocution, ne retirez pas le couvercle!

Product No.: C24G2

Model No./модель номер: C24G2

Power Rating/ Tegangan/Входная мощность:  
100-240V~ 50/60Hz 1.5A  
www.aoc.com Made in China/Сделано в Китае  
CAN ICES-3(B)/NMB-3(B)  
Laitte on liitettävä suojakoskettimilla varustettuun pistorasiaan  
Apparätet må tilkopas jordat stikkontakt  
Apparaten skall anslutas till jordat uttag  
Apparätets släpprop skal tilsluttes en stikkontakt med jord,  
som giver forbindelse til slæppropens jord  
The equipment must be connected to an earthed mains socket-outlet.  
L'appareil doit être branché sur une prise de courant  
munie d'une mise à la terre. Q40G027N-815-B14

Envision Peripherals, Inc.  
490 N McCarthy Blvd, Suite #120  
Milpitas, CA 95035  
USA

AOC International Europe B.V.  
Amstelgebouw, 6th floor  
Prins Bernhardplein 200  
1097 JB Amsterdam  
The Netherlands

TPV Electronics (Fujian) Co., Ltd.

XXXXXXXXXXXXXX  
Serial/No.: XXXXXXXX XXXXXXXX

Manufactured: 201X-XX-XX

FC

## Note:

All models' rating labels are in the same design except for type designation. Above labels are representing the other models.