



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

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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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Test item description	LCD MONITOR (LED backlight)	
Trade Mark(s)	AOC	
Manufacturer	Same as applicant	
Model/Type reference	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)	
Ratings	I/P: 100-240V~, 50/60Hz, 1.5A	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.
Testing location/ address	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	
Tested by (name, function, signature)	Anderson Wang Senior Project Manager	
Approved by (name, function, signature) ..	Steven Lin Technical Reviewer	
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
Testing location/ address		
Tested by (name, function, signature)		
Approved by (name, function, signature) ..		
<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) :		
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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 deleted 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.

English Marking Plate:

AOC LCD MONITOR/液晶显示器/モニター
 Model Name/Name Model/機種名/모델명: C24G2
 Model No./型號: C24G2
 Power Rating/Tegangan/额定电源/정격입력: 100-240V~ 50/60Hz 1.5A
 福建捷聯電子有限公司
 福建省福清市融僑經濟技術開發區
 상호명: TPV Electronics(Fujian) Co., Ltd.
 제조업체명: TPV Electronics(Fujian) Co., Ltd.
 판매원: (주)알파스캔디스플레이
 제조A/S 문의처: 1544-7739
 Made in China/Buatan China/제조국: 중국/中國製造
 Q40G024N-615-A08

Warning: Shock Hazard, Do Not Open.
 Peringatan Bahaya Kejutatan Listrik, Jangan Dibuka
 高壓注意: 非專業維修人員請勿打開後蓋。
 警語: 使用過度恐傷害視力

XXXXXXXXXX
 R-R-TPF-C24G2 Top Victory Electronics Co., Ltd. 日通商株式会社

Chinese Marking Plate:

AOC 液晶显示器
 機種名: C24G2
 型号: C24G2
 额定电源: 100-240V~ 50/60Hz 1.5A
 制造商: 福建捷联电子有限公司
 制造商地址: 福清市融侨经济技术开发区
 www.aoc.com 中国制造
 Q40G027N-615-A09

显示器合格证

机种代码: XXXXXXXXXXXXXXXX
 产品序号: XXXXXXXXXXXXXXXX
 制造日期: 201X-XX-XX

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)
Laite 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.