



Test Report issued under the responsibility of:



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

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Total number of pages : 73 pages

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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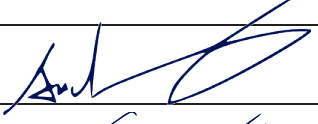
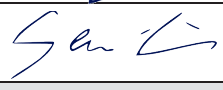
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General disclaimer:

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	AG274***** (* can be 0-9, A-Z, a-z, -, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose)	
Ratings	I/P: 19.5Vdc, 11.79A or 9.23A	
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) :		

List of Attachments (including a total number of pages in each attachment):																					
<ul style="list-style-type: none"> - Photo documentation (9 Pages) - National Differences (30 Pages) 																					
Summary of testing:																					
<p>Tests performed (name of test and test clause):</p> <p>The tests were carried out under the most unfavorable combination within the manufacturer's operating specifications of the following parameters:</p> <ul style="list-style-type: none"> -supply voltage 19.5Vdc -operating temperature, Max. ambient temperature 40°C declared by the client -operating mode: continuous -operating load: <p>The equipment operated under full screen with three vertical bar signal according IEC60107-1 with max. brightness and contrast; with 1KHz sinusoidal signal and turned to maximum volume; each USB 3.0 port loaded with 5V/0.9A, each USB 3.0 port with fast charging loaded with 5V/1.5A, and each USB type C port loaded with 20V/3.25A.</p> <table border="1"> <thead> <tr> <th>name of test</th> <th>test clause number</th> </tr> </thead> <tbody> <tr> <td>Classification of electrical energy sources</td> <td>5.2</td> </tr> <tr> <td>Maximum operating temperature test (Heating test)</td> <td>5.4.1.4, 9.3, B.1.5, B.2.6</td> </tr> <tr> <td>Electrical Power Source (PS) measurements for classification</td> <td>6.2.2</td> </tr> <tr> <td>Wall or ceiling mount loading test</td> <td>8.7</td> </tr> <tr> <td>Input test</td> <td>Annex B.2.5</td> </tr> <tr> <td>Abnormal operating and fault condition tests</td> <td>Annex B.3, B.4</td> </tr> <tr> <td>Test for permanence of markings</td> <td>Annex F.3.10</td> </tr> <tr> <td>Test for permanence of markings</td> <td>Annex F.3.10</td> </tr> <tr> <td>Limited power source test (LPS)</td> <td>Annex Q.1</td> </tr> </tbody> </table>	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	Electrical Power Source (PS) measurements for classification	6.2.2	Wall or ceiling mount loading test	8.7	Input test	Annex B.2.5	Abnormal operating and fault condition tests	Annex B.3, B.4	Test for permanence of markings	Annex F.3.10	Test for permanence of markings	Annex F.3.10	Limited power source test (LPS)	Annex Q.1	<p>Testing location:</p> <p>All tests as described in Test Case and Measurement Sections were performed at the laboratory described on page 2.</p>
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Summary of compliance with National Differences (List of countries addressed):																					
<p><u>Summary of compliance with National Differences to IEC 62368-1:2020 (Third Edition) and EN 62368-1:2020+ A11: 2020 (for explanation of codes see below):</u></p> <p>EU Group Differences, EU Special National Conditions, CA, DK, US</p> <p>Explanation of used codes: CA=Canada, DK=Denmark, US=United States of America</p> <p>The product fulfils the requirements of <u>EN IEC 62368-1:2020+ A11:2020</u></p> <p>For National Differences see corresponding Attachment.</p>																					

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

Product No.: AG274UXP
 Model No./модель номер : AG274U
 Power Rating/ Tegangan/ Входная мощность: 19.5V = 11.79A

www.aoc.com Made in China/Сделано в Китае
 For applicable power supplies see user manual
 Voir le manuel d'utilisateur pour les courants d'alimentation applicables
 TPV Electronics (Fujian) Co., Ltd.
 CAN ICES-003(B)/NMB-003(B) Q40G025E-615-17A

AOC International Europe B.V.
 Amstelgebouw, 6th floor
 Prins Bernhardplein 200
 1097 JB Amsterdam
 The Netherlands
 Envision Peripherals, Inc.
 490 N McCarthy Blvd, Suite #120
 Milpitas, CA 95035
 USA

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

Serial/No.: XXXXXXXXXXXXXXXX
 Manufactured: 201X-XX-XX

AOC LCD MONITOR (LED backlight) / ЖК-монитор

Product No.: AG274QG
 Model No./модель номер : AG274Q
 Power Rating/ Tegangan/ Входная мощность: 19.5V = 11.79A

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Serial/No.: XXXXXXXXXXXXXXXX
 Manufactured: 201X-XX-XX

19.5V = 11.79A

AOC LCD MONITOR (LED backlight) / ЖК-монитор

Product No.: AG274QZP
 Model No./модель номер : AG274QZ
 Power Rating/ Tegangan/ Входная мощность: 19.5V = 9.23A

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Serial/No.: XXXXXXXXXXXXXXXX
 Manufactured: 201X-XX-XX

19.5V = 9.23A

The above label represents labels for model names other than above covered by the model name.