

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

LCD Monitor

Name and address of the applicant

TPV Electronics (Fujian) Co., Ltd.
Rongqiao Economic & Technological Development
Zone, Fuqing, Fujian, China

Name and address of the manufacturer

TPV Electronics (Fujian) Co., Ltd.
Rongqiao Economic & Technological Development
Zone, Fuqing, Fujian, China

Name and address of the factory

See page 2

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

100 V - 240 V~; 50 Hz / 60 Hz; 1,5 A; Class I

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

27B3CA2, 27B3CF2, Q27B3CF2, **27B*****
(* can be A-Z, a-z, 0-9, blank or symbol +, -, /, \, or
sign absence or no mark or no symbol)

Additional information (if necessary may also be
reported on page 2)

Other rating: IPX0; Tma: 40 °C; Max. altitude: 5000 m

☐ Additional Information on page 2

A sample of the product was tested and found
to be in conformity with

IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009,
IEC 60950-1:2005/AMD2:2013

National Differences:

CN, JP, US, CA, SG

SZES230900597601

As shown in the Test Report Ref. No. which
forms part of this Certificate

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2023-11-17

Signature:

Mark Lohmann
Certification Manager

Name and address of the factories:

1. TPV Electronics (Fujian) Co., Ltd.
Rongqiao Economic & Technological Development Zone, Fuqing, Fujian, China
2. TPV Electronics (Fujian) Co., Ltd.
Shangzheng, Yuan Hong Road, Fuqing, Fujian, China
3. TPV Electronics (Fujian) Co., Ltd.
Optoelectronic Park, Rongqiao Economic and Technological Development Zone, Fuqing, Fujian, China
4. L&T Display Technology (Fujian) Ltd.
Optoelectronic Park, Rongqiao Economic and Technological Development Zone, Fuqing, Fujian, China
5. TPV Display Technology (China) Co., Ltd.
No.106 Jinghai 3 Rd., BDA, Beijing, 100176, China
6. TPV Display Technology (Wuhan) Co., Ltd.
Unique No. 11 Zhuankou Development District of Economic Technological Development Zone, Wuhan, Hubei, China
7. Envision Indústria de Produtos Eletrônicos Ltda.
Av. Torquato Tapajós, 2236, Flores, CEP 69058-830, Manaus, AM, Brazil
8. TPV Technology (Thailand) Co., Ltd.
No. 267 Mu7, Tha Tum Sub- District, Si Maha Pho District, Prachinburi, Thailand

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2023-11-17

Signature:



Mark Lohmann
Certification Manager



Test Report issued under the responsibility of:



TEST REPORT
IEC 60950-1
Information technology equipment – Safety –
Part 1: General requirements

Report Number.....: SZES230900597601

Date of issue: 2023-11-17

Total number of pages..... 69 pages

Name of Testing Laboratory SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen
preparing the Report.....: Branch

Applicant's name: TPV Electronics (Fujian) Co., Ltd.

**Address: Rongqiao Economic & Technological Development Zone, Fuqing,
Fujian, China**

Test specification:

Standard.....: IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

Test procedure.....: CB Scheme

Non-standard test method.....: N/A

Test Report Form No.....: IEC60950_1G

Test Report Form(s) Originator: SGS Fimko Ltd

Master TRF: Dated 2019-07-02

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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		
Manufacturer	Same as Applicant	
Model/Type reference	27B3CA2, 27B3CF2, Q27B3CF2, **27B***** (* can be A-Z, a-z, 0-9, blank or symbol +, -, /, \, or sign absence or no mark or no symbol)	
Ratings	100 - 240 V ~, 50 / 60 Hz, 1,5 A, Class I	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
Testing location/ address		No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China
Tested by (name, function, signature)		Echo Wang / Project Engineer
Approved by (name, function, signature) ..		Robert Ke / Report Reviewer
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	N/A
Testing location/ address		
Tested by (name, function, signature)		
Approved by (name, function, signature) ..		
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	N/A
Testing location/ address		
Tested by (name + signature)		
Witnessed by (name, function, signature) .		
Approved by (name, function, signature) ..		
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	N/A
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	N/A
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):

Attachment 1: 12 pages of Photos;

Attachment 2: 5 pages of Deviations of China.

Attachment 3: 14 pages of Deviations of Japan;

Attachment 4: 5 pages of Deviations of USA;

Attachment 5: 5 pages of Deviations of Canada;

Attachment 6: 2 pages of SINGAPORE NATIONAL DIFFERENCES.

Summary of testing:

The sample(s) tested complies with the requirements of IEC 60950-1:2005 + Am 1:2009 + Am 2:2013.

No decision rule is specified by 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")

Representative model(s) for full testing: 27B3CA2.

Heating test: Tma = 40 °C (Declared by manufacturer).

T-type thermocouple used for temperature measurement.

Operation mode under test: Unless otherwise specified, all tests were carried out with three vertical bar products three equidistant vertical white bars on a black background and maximum brightness and contrast.

Tests performed (name of test and test clause):

- ☒ 1. GENERAL
- ☒ 2. PROTECTION FROM HAZARDS
- ☒ 3. WIRING, CONNECTIONS AND SUPPLY
- ☒ 4. PHYSICAL REQUIREMENTS
- ☒ 5. ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS
- ☐ 6. CONNECTION TO TELECOMMUNICATION NETWORKS
- ☐ 7. CONNECTION TO CABLE DISTRIBUTION SYSTEMS

Testing location:

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch
No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China

Summary of compliance with National Differences:

List of countries addressed: CN, JP, US, CA, SG

☒ **The product fulfils the requirements of GB 4943.1—2011; J60950-1 (H29);**

UL 60950-1-07(Second Edition) + A1: 2011 + A2: 2014;

CAN/CSA-C22.2 No. 60950-1-07, Amd 1:2011, Amd 2:2014

The national differences of AR, BE, GR, HU, IN, MY, SK, KEN, CZ have been also checked and found to include no nation differences or deviations from the IEC 60950-1: 2005 + Am 1:2009 + Am 2:2013.

The manufacturer declared that the product also fulfilled of the requirements of SANS 60950-1: 2014 (Edition 2.2) / IEC 60950-1: 2013 (Edition 2.2)