

Ref. Certif. No.

FI-59030

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, 3,0 A; Class I				
Trademark / Brand (if any)					
Customer's Testing Facility (CTF) Stage used	-				
Model / Type Ref.	U32U3CV, **32U3****************** (* 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	Other rating: IPX0; Tma: 40 °C; Max. altitude: 5000 m				
reported on page 2)	Additional Information on page 2				
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018 National Differences: EU Group Differences, AU, NZ, US, CA, SG, SA, CN, JP				
As shown in the Test Report Ref. No. which forms part of this Certificate	SZES231000620801				
This CB Test Certificate is issued by the National Certification Body					
SGS Fimko Ltd Takomotie 8 FI-00380 Helsinki, Finland	SGS				
Date: 2024-01-24	Signature: Ny DL				
	Ralf Klingberg Certification Manager				

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FI-59030

Name and address of the factories: 1, TPV Electronics (Fujian) Co., Ltd. Ronggiao Economic & Technological Development Zone, Fuging, Fujian, China 2, TPV Electronics (Fujian) Co., Ltd. Shangzheng, Yuan Hong Road, Fuqing, Fujian, China 3, TPV Electronics (Fujian) Co., Ltd. Optoelectronic Park, Ronggiao Economic and Technological Development Zone, Fuging, Fujian, China 4, TPV Display Technology (China) Co., Ltd. No.106 Jinghai 3 Rd., BDA, Beijing, 100176, China 5, TPV Display Technology (Wuhan) Co., Ltd. Unique No. 11 Zhuankou Development District of Economic Technological Development Zone, Wuhan, Hubei, China 6, L&T Display Technology (Fujian) Ltd. Optoelectronic Park, Ronggiao Economic and Technological Development Zone, Fuging, Fujian, China 7, Envision Indústria de Produtos Eletrônicos Ltda. Av. Torquato Tapajós, 2236, Flores, CEP 69058-830, Manaus, AM, Brasil 8, TPV Technology (Thailand) Co., Ltd. No. 267 Mu7, Tha Tum Sub- District, Si Maha Pho District, Prachinburi, Thailand SGS Fimko Ltd SGS Takomotie 8 FI-00380 Helsinki, Finland Signature: Date: 2024-01-24 Ralf Klingberg Certification Manager

Issued 2018-06-05

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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:	SZES231000620801			
Date of issue	2024-01-23			
Total number of pages:	97 Pages			
Name of Testing Laboratory preparing the Report:	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch			
Applicant's name:	TPV Electronics (Fujian) Co., Ltd.			
Address:	Rongqiao Economic & Technological Development Zone, Fuqing, Fujian, 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			
Convight @ 2022 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment				

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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.

	F	Page 2 of 97	Report No.: SZES231000620801			
Test item description:	LCD N	lonitor				
Trade Mark(s):	Λ	DC				
Manufacturer:	Same	as applicant				
		3CV, **32U3*********** (* can be A-Z, a-z, 0-9, blank or II +, -, /, or sign absence or no mark or no symbol)				
Ratings:	100 - 2	240 V ~~, 50 / 60 Hz, 3,0) A, Class I			
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):						
	ppiicai					
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)	:	Yoyo Zhi /	Yon ? and			
		Project Engineer	1 0 211			
Approved by (name, function, signatu	ıre) :	Ruby Yan /	$\sum I$			
		Report Reviewer	1xm/a			
Testing procedure: CTF Stage 1:						
Testing location/ address						
Tested by (name, function, signature)	:					
Approved by (name, function, signature):						
Testing procedure: CTF Stage 2:	:					
Testing location/ address	:					
Tested by (name, function, signature)						
Witnessed by (name, function, signate	ure).:					
Approved by (name, function, signatu	ıre) :					
Testing procedure: CTF Stage 3:	:					
Testing procedure: CTF Stage 4:						
Testing location/ address	:					
Tested by (name, function, signature)	:					
Witnessed by (name, function, signate	ure).:					
Approved by (name, function, signatu	ıre) :					
Supervised by (name, function, signat	ture) :					

List of Attachments (including a total number of	pages in each attachment):				
Attachment 1: 13 pages of Photos.					
Attachment 2: 5 pages of Construction of Transformer;					
Attachment 3: 20 pages of EUROPEAN GROUP DIF	FERENCES AND NATIONAL DIFFERENCES;				
Attachment 4: 29 pages of AUSTRALIA / NEW ZEAL	AND NATIONAL DIFFERENCES;				
Attachment 5: 8 pages of U.S.A. AND CANADA NAT	TONAL DIFFERENCES;				
Attachment 6: 2 pages of SINGAPORE NATIONAL I	DIFFERENCES;				
Attachment 7: 1 page of SAUDI ARABIA NATIONAL DIFFERENCES;					
Attachment 8: 5 pages of CHINA NATIONAL DIFFEI	RENCES;				
Attachment 9: 5 pages of JAPAN NATIONAL DIFFE	RENCES.				
Summary of testing:					
The sample(s) tested complies with the requirements	s of IEC 62368-1:2018.				
Representative model(s) for full testing: U32U3CV.					
Heating test: Tma = 40 °C (Declared by manufacture	r).				
T-type thermocouple used for temperature measurement.					
Tests performed (name of test and test clause):	Testing location:				
⊠ 4. General requirements	SGS-CSTC Standards Technical Services Co., Ltd.				
⊠ 5. Electrically-caused injury	Shenzhen Branch				
⊠ 6. Electrically-caused fire	No. 1 Workshop, M-10, Middle Section, Science &				
7. Injury caused by hazardous substances	Technology Park, Shenzhen, Guangdong, China				
🛛 8. Mechanically-caused injury					
🛛 9. Thermal burn injury					
⊠ 10. Radiation					
Annex B. Normal operating condition tests, abnormal operating condition tests and single fault condition tests					
Annex F.3.9. Performance of Marking test					
Annex M. Equipment Containing Batteries And Their Protection Circuits					
Annex P.4 Metallized coatings and adhesives securing parts					
Annex Q. Limited Power Source					
Annex T. Mechanical strength tests					
\boxtimes Annex V. Determination of accessible parts					
Summary of compliance with National Differences (List of countries addressed):					
EU Group differences, AU, NZ, US, CA, SG, SA, CN, GB, JP					
☐ The product fulfils the requirements of EN IEC 62368-1:2020+A11:2020, AS/NZS 62368.1:2022,					

UL 62368-1: 2019 Ed.3, CSA C22.2 No. 62368-1: 19 Ed.3, SASO-IEC 62368-1:2020, GB 4943.1-2022, BS EN IEC 62368-1: 2020 + A11: 2020, J62368-1(2023).

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:

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.

For model No. U32U3CV:						
ICD Monitor / ЖК-монитор / Monitor LCD / Model Namel-Таименование модели/Nombre def modelo/Nom de modèle/Nome do Modelo: U32U3CV Model Na./Magnan Molynom Mol Modelo: U32U3CV Power Rating/Bxagnan мощностъ/Potencia nominal/Puissance évalue@Potencia U32U3CV Norufacture/Rating/Bxagnan мощностъ/Potencia nominal/Puissance évalue@Potencia U32U3CV	CA Depi 302 43 Overlan Road Caronti CA Donaster, DN8 8DA United Kingdom	يحظر فك الغطاء إلا إذاكتت مؤهلا للقيام بذلك				
fabricación/Data de Fabricação/Produzido: 2024.1 MARNING/AVERTISSEMENTIATENÇÃO: Marantesional (Europe) B.V. Tito aportalis muits de cartierid. Prins Bernhardpien 200, Ede aporteño dere est artend. Non Bierden dere est alterado. Ede aporteño dere est artend. Non Bierden dere est alterado. Dieser Apparte dire der der avastelltuan pisionasiana Apparater nult hoppies prote tablondat. Apparater nult hoppies prote tablondat. Van Miccarthy Bivd, Sulle #120 Apparater sind Biopropers join Stable prote tablondat. Apparate stablerop ate tablondat. VXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						

Remark:

1. As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being place on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.

2. Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.

3. The Height of CE & UKCA logo shall not be less than 5 mm; Height of WEEE logo shall not be less than 7 mm.

4. The marking plates as above of other models are of the same pattern.