TÜV Rheinland (China) Ltd.
Member of TÜV Rheinland Group

TÜVRheinland®
Precisely Right.

TPV Electronics (Fujian) Co., Ltd.
Mr. Xinliang Wu
RD-SE
Rongqiao Economic and
Technological Development Zone
Fuqing City, Fujian Province
P.R. China

Date : 25.04.2017
Our ref. : LINSTE ZJ
Your ref.: 1140034083

Ref : CB Certificate Japan

Type of Equipment : LCD MONITOR
Model Designation : See Certificate
Certificate No. : JPTUV-078754-M1
Report No. : 17059650 002

Dear Mr. Xinliang Wu,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

Aegean Li

CC: TPV Electronics (Fujian) Co., Ltd.

Enclosure

TÜV Rheinland (China) Ltd.
莱茵检测认证服务（中国）有限公司
Unit 707, AVIC Bldg., No. 10B, Central Road, East 3rd Ring Road, Chaoyang District, Beijing, 100022, P.R.China
北京市朝阳区东三环中路乙10号艾维克大厦707室
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IEC IECEE CB SCHEME

Ref. Certif. No.

JPTUV-078754-M1

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product Produit	LCD MONITOR
Name and address of the applicant Nom et adresse du demandeur	TPV Electronics (Fujian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Name and address of the manufacturer Nom et adresse du fabricant	TPV Electronics (Fujian) Co., Ltd. Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R. China
Name and address of the factory Nom et adresse de l'usine	See additional page(s)
Ratings and principal characteristics Valeurs nominales et charactéristiques principales	AC 100-240V; 50/60Hz; 1.5A; Class I
Trademark (if any) Marque de fabrique (si elle existe)	AOC
Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur	N/A
Model / Type Ref. Ref. de type	238LM000**, *240********, 215LM000**, *220******** (* = 0-9, A-Z, a-z, -, \, /, + or blank)
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2ème page)	For model differences, refer to the test report. Re-issue of JPTUV-078754 dated 06.03.2017, due to first modification.
A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 60950-1:2005+A1+A2 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat	17059650 002

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

TÜVRheinland®

TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
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Yokohama 224-0021 Japan
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Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 25.04.2017

Signature: Aegean Li

1. TPV Display Technology (Wuhan) Co., Ltd.
   Unique No. 11, Zhuankou Development District of Economic Technological Development Zone, Wuhan City 430056, P.R. China

2. TPV Electronics (Fujian) Co., Ltd.
   Shangzheng, Yuan Hong Road
   Fuqing City, Fujian Province
   P.R. China

3. Envision Industry of Electronic Products Ltd.
   Rodovia Anhanguera S/N-KM 49
   Tijuco Preto-Jundiaí-SP-
   13.205-700, Brazil

4. L&T Display Technology (Fujian) Ltd.
   Optoelectronic Park, Rongqiao Economic and Technological Development Zone
   Fuqing, Fujian 350301, P.R. China

5. TPV Electronics (Fujian) Co., Ltd.
   Rongqiao Economic and Technological Development Zone
   Fuqing City, Fujian Province
   P.R. China

6. Trend Smart CE Mexico S de RL de CV
   Avenida Sor Juana Ines de la Cruz de 19602 Nueva Tijuana,
   22435 Tijuana Baja California
   MEXICO

7. TPV Display Technology (Beihai) Co., Ltd.
   China Electronic Beihai Industry Park, Northeast of the Crossing Between Taiwan Road and Jilin Road, Beihai City, Guangxi, P.R. China

8. TPV Technology (Qingdao) Co., Ltd.
   No.99 Huoju Road, High-tech Industrial Development Zone
   Qingdao City, Shandong Province, P.R. China

9. TPV Display Technology (China) Co., Ltd.
   No. 106 Jinghai 3 Rd., BDA
   Beijing City 100176
   P.R. China

Additional information (if necessary)
Information complémentaire (si nécessaire)

Report Ref. No.: 17059650 002

Date: 25.04.2017

Signature: Aegean Li

10. Hefei Huntkey Display Technology
Co., Ltd.
South Jinxiu Road, East Qingtan Road
Economic And Technological
Development Zone, Hefei, Anhui 230601, P.R. China

11. TPV Electronics (Fujian) Co., Ltd.
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12. Envision Indústria de Produtos
Eletrônicos Ltda.
Av. Torquato Tapajós, 2236,
Flores - CEP 69058-830 - Manaus/AM
Brazil

Additional information (if necessary)
Information complémentaire (si nécessaire)

Report Ref. No.: 17059650 002

Date: 25.04.2017

Signature: Aegean Li

Test Report issued under the responsibility of:

TÜVRheinland®

TEST REPORT

IEC 60950-1

Information technology equipment – Safety – Part 1: General requirements

Report Number. .....:	17059650 002
Date of issue .....:	Apr.24, 2017
Total number of pages .....:	12
Applicant's name .....:	**TPV Electronics (Fujian) Co., Ltd.**
Address .....:	Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R.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_1F
Test Report Form(s) Originator .....:	SGS Fimko Ltd
Master TRF .....:	Dated 2014-02

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

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 .....:	AOC
Manufacturer .....:	**TPV Electronics (Fujian) Co., Ltd.** Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R.China
Model/Type reference .....:	238LM000**, *240********, **215LM000**, *220******** (* can be 0-9, A-Z, a-z, – , \ , / , + or blank, represent different enclosure colour for marketing purpose)
Ratings .....:	I/P: 100-240Vac, 50/60Hz, 1.5A

Testing procedure and testing location:			
☒	**CB Testing Laboratory:**	**TÜV Rheinland (Shenzhen) Co., Ltd.**	
Testing location/ address .....:		East of F/1, F/2~F/4, Building 1, Cybio Technology Building No. 6 Langshan No.2 Road, North Hi-tech Industry Park 518057 Shenzhen Nanshan District CHINA	
☐	**Associated CB Testing Laboratory:**		
Testing location/ address .....:			
Tested by (name + signature).....:		Steven Lin Project Manager	
Approved by (name + signature).....:		Anderson Wang Technical Reviewer	
☐	**Testing procedure: TMP/CTF Stage 1:**		
Testing location/ address .....:			
Tested by (name + signature).....:			
Approved by (name + signature).....:			
☐	**Testing procedure: WMT/CTF Stage 2:**		
Testing location/ address .....:			
Tested by (name + signature).....:			
Witnessed by (name + signature).....:			
Approved by (name + signature).....:			
☐	**Testing procedure: SMT/CTF Stage 3 or 4:**		
Testing location/ address .....:			
Tested by (name + signature).....:			
Witnessed by (name + signature).....:			
Approved by (name + signature).....:			
Supervised by (name + signature).....:			

List of Attachments (including a total number of pages in each attachment):

- Photo documentation

Total number of pages in each attachment is indicated in individual attachment.

Summary of testing:

Tests performed (name of test and test clause):
Following tests performed during evaluation

name of test	test clause number
Input Current Test	1.6.2
Discharge Test	2.1.1.7
Stability test	4.1
Steady Force Test, 30N	4.2.3
Steady Force Test, 250N	4.2.4
Impact Test	4.2.5
Stress Relief Test	4.2.7
Wall Mounting Test	4.2.10
Maximum Temperature Test	4.5.2

The EUT passed the test.

Testing location:

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

Summary of compliance with National Differences

See original CB report 17059650 001.

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.

Note:
The above label represents labels for model names other than above covered by the model name. See others in original report 17059650 001.

Test item particulars.....:	
Equipment mobility.....:	[x] movable (for unit with base stand) [] hand-held [] transportable [x] stationary (for unit without base stand) [] for building-in [] direct plug-in
Connection to the mains.....:	[x] pluggable equipment [x] type A [] type B [] permanent connection [x] detachable power supply cord [] non-detachable power supply cord [] not directly connected to the mains
Operating condition.....:	[x] continuous [] rated operating / resting time:
Access location .....:	[x] operator accessible [] restricted access location
Over voltage category (OVC) .....:	[] OVC I [x] OVC II [] OVC III [] OVC IV [] other:
Mains supply tolerance (%) or absolute mains supply values .....:	±10% according to client's request
Tested for IT power systems .....:	[] Yes [x] No
IT testing, phase-phase voltage (V) .....:	N/A
Class of equipment .....:	[x] Class I [] Class II [] Class III [] Not classified
Considered current rating of protective device as part of the building installation (A) .....:	N/A
Pollution degree (PD) .....:	[] PD 1 [x] PD 2 [] PD 3
IP protection class .....:	IPX0
Altitude during operation (m) .....:	Up to 5000
Altitude of test laboratory (m) .....:	Less than 2000
Mass of equipment (kg) .....:	Unit with base: 21.5 inch model: 3.20kg, 23.8 inch model: 3.58kg; Base: 0.45kg.
Possible test case verdicts:	
- test case does not apply to the test object .....:	N/A
- test object does meet the requirement.....:	P (Pass)
- test object does not meet the requirement .....:	F (Fail)
Testing.....:	
Date of receipt of test item.....:	Apr.11, 2017
Date(s) of performance of tests .....:	Apr.14.2017-Apr.19.2017
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report. **Throughout this report a ☐ comma / ☒ point is used as the decimal separator.**	

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:

☒ **Yes**

☐ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) ..... : See original report 17059650 001 for details.

General product information:

Description of change(s):

1. Correct typing error of transformer position from T902 to T901.
2. Add new models 215LM000**, *220********, which are identical to original models except for:
   1) 21.5 inch panel and smaller size of plastic enclosure used only;
   2) Power board 715G6930 type B used only, meanwhile original power board 715G6930 defined as type A. Power board 715G6930 type B is identical to type A except for different rating of discharging components including C901, R907, R908, R909.

For the above described change(s) the following testing was considered to be necessary:

Change	Testing	Comments
1.	N/A	See appended table 1.5.1 for details.
2.	See page 3 for test clauses.	See marking plates and following pages for test details. See also photo documentation for details.

Definition of variable(s):

Variable:	Range of variable:	Content:
*	0-9, A-Z, a-z, – , \ , / , + or blank	represent different enclosure colour for marketing purpose

History of amendments and modifications:

Ref. No. 17059650 001, dated Feb.27, 2017 (original report);
Ref. No. 17059650 002, dated Apr.24, 2017 (modification).

Abbreviations used in the report:

- normal conditions	**N.C**.	- single fault conditions	**S.F.C**
- functional insulation	**OP**	- basic insulation	**BI**
- double insulation	**DI**	- supplementary insulation	**SI**
- between parts of opposite polarity	**BOP**	- reinforced insulation	**RI**

Indicate used abbreviations (if any)

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
4	**PHYSICAL REQUIREMENTS**		P
4.1	**Stability**		N/A
	Angle of 10°	No overturn. (Test by client's request)	N/A
4.2	**Mechanical strength**		P
4.2.3	Steady force test, 30 N	Test performed on internal metal enclosure.	N/A
4.2.4	Steady force test, 250 N	Test performed on plastic enclosure.	P
4.2.5	Impact test	500g steel ball falls freely from 1.3m on top, back and bottom of plastic enclosure, no access to hazardous parts.	P
	Fall test		P
	Swing test		N/A
4.2.6	Drop test; height (mm) ..... :		N/A
4.2.7	Stress relief test	70ºC, 7 hours, no deformation on all sources of plastic enclosure.	P
4.2.10	Wall or ceiling mounted equipment; force (N) ..... :	An additional force 81N applied for 21.5 inch model downwards through the centre of gravity of the equipment for 1 min after the removal of base (by client's request). After the test, the equipment was not damaged.	P

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

1.5.1	TABLE :list of critical components				**P**
Object/part no.	Manufacture/ trademark	Type/model	Technical data	standard	Mark(s) of conformity [1)]
LCD Panel for 21.5 inch models	BOE	MV215******* (* can be 0-9, A-Z, "-" or blank for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 12.41W; LED Array Voltage: 52.7V	IEC 60950-1	Tested in equipment
	BOE	H*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
	TPV	TPM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 9.3W; LED array voltage: 31V)	IEC 60950-1	Tested in equipment
	L&T	BM215W**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
	L&T	LM215W**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
	CHIMEI INNOLUX	M215H**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.3W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
	INNOLUX	M215H**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
	LG Display	LM215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

	SAMSUNG	LTM215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
	AUO	*215H****.* (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
	CPT	CLAA215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.5W; LED array voltage: 48V)	IEC 60950-1	Tested in equipment
Switching Power Supply, type No. 715G6930 by TPV					
X-Capacitor (C901) (X1 or X2 type) (optional) (For 715G6930 type B only)	**Ultra Tech Xiphi**	**HQX**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**VDE, UL**
	Faratronic	**MKP62**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**VDE, UL**
	Europtronic	**MPX, MPX2**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**VDE, UL**
	Hua Jung	**MKP**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**VDE, UL**
	Liow Gu	**GS-L**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**VDE, UL**
	Arcotronics	**R.46**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**ENEC(IMQ)UL**
	EPCOS	**B3292#**	**Max. 0.47µF, 275Vac, 85°C**	**IEC/EN 60384-14, UL 60384-14**	**VDE, UL**
Bleeder Resistor (R907, R908, R909) (For 715G6930 type B only)	**Interchangeable**	**Interchangeable**	**Max. 510KΩ, min. 1/4W**	**IEC 60950-1**	**Tested in equipment**
Transformer **(T901)**	YUVA	380GL19P533N	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Mylar tape	SYMBIO INC JINGJIANG YAHUA	No.35660Y*(%) No.CT(c)	130°C	UL510	UL
Margin tape	SYMBIO INC 3M	35661(c) 44(a)	130°C	UL510	UL
Tube	Great holding	TFL	200°C, VW-1	ANSI/UL 224	UL
Transformer **(T901)** (Alt.)	TPV	S80GL19P533V	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Tape	SYMBIO INC JINGJIANG YAHUA	No.35660Y No.CT	130°C	UL510	UL
Margin tape	JINGJIANG YAHUA SYMBIO INC	WF 35661(c)	130°C	UL510	UL
Tube	Great holding	TFL	200°C, VW-1	ANSI/UL 224	UL
Transformer **(T901)** (Alt.)	LiTai	380GL19P533L	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Tape	SYMBIO INC JINGJIANG YAHUA	No.35660Y No. CT	130°C	UL510	UL
Margin tape	SYMBIO INC 3M	35661(c) 44(a)	130°C	UL510	UL
Tube	Great holding	TFL	200°C, VW-1	ANSI/UL 224	UL
Transformer **(T901)** (Alt.)	LFDJ	380GL19P533J	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd. CHANG CHUN	PM-9820 T375HF	Phenolic, V-0, 150°C	UL94	UL

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

Tape	JINGJIANG YAHUA	No. CT	130°C	UL510	UL
Margin tape	JINGJIANG YAHUA 3M	NO.WF 44(a)	130°C	UL510	UL
Tube	Great holding	TFL	200°C, VW-1	ANSI/UL 224	UL
Transformer **(T901)** (Alt.)	PHOENIX	380GL19P533P	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd. CHANG CHUN	PM-9820 T375HF	Phenolic, V-0, 150°C	UL94	UL
Tape	JINGJIANG YAHUA	NO.CT-280	130°C	UL510	UL
Margin tape	JINGJIANG YAHUA	NO.WF	130°C	UL510	UL
Tube	Great holding	TFL	200°C, VW-1	ANSI/UL 224	UL

Note(s):

1. An asterisk indicates a mark that assures the agreed level of surveillance.
2. All sources of transformer were checked with same construction.

1.6.2	TABLE: electrical data (in normal conditions)					P
U (V)	I (A)	Irated (A)	P (W)	Fuse #	Ifuse (A)	Condition/status
VGA mode						
90/50	0.33	--	17.2	F901	0.33	Maximum normal load
90/60	0.33	--	17.1	F901	0.33	Maximum normal load
100/50	0.30	1.5	17.0	F901	0.30	Maximum normal load
100/60	0.30	1.5	17.2	F901	0.30	Maximum normal load
240/50	0.18	1.5	17.0	F901	0.18	Maximum normal load
240/60	0.18	1.5	17.0	F901	0.18	Maximum normal load
264/50	0.17	--	17.1	F901	0.17	Maximum normal load
264/60	0.16	--	17.2	F901	0.16	Maximum normal load
HDMI mode						
90/50	0.33	--	17.9	F901	0.33	Maximum normal load
90/60	0.33	--	17.8	F901	0.33	Maximum normal load
100/50	0.30	1.5	17.5	F901	0.30	Maximum normal load

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

100/60	0.30	1.5	17.4	F901	0.30	Maximum normal load
240/50	0.18	1.5	17.8	F901	0.18	Maximum normal load
240/60	0.18	1.5	17.8	F901	0.18	Maximum normal load
264/50	0.17	--	17.9	F901	0.17	Maximum normal load
264/60	0.16	--	17.7	F901	0.16	Maximum normal load

Supplementary information:

1. Maximum normal load: maximum brightness, maximum contrast, full white screen. The speakers were loaded with 1KHz noise and adjusted to max. volume during the test.
2. Used the panel which has the highest of power consumption specified in panel spec.

2.1.1.7	TABLE: discharge test				P
Condition	τ calculated (s)	τ measured (s)	t u→ 0V (s)	Comments	
System on (with fuse in, L-N)	0.72	0.71	--	Vo=378Vpk, 37% of Vo=140Vpk.	

Supplementary information:

Overall capacity: C901 = 0.47μF,

Discharge resistor: R907(510KΩ) + R908(510KΩ) + R909(510KΩ) = 1.53MΩ,

Supplied with 264V/60Hz.

4.5	TABLE: Thermal requirements						P
	Supply voltage (V)	90V/ 60Hz	264V/ 60Hz	--	--	--	—
	Ambient T_{min} (°C)	--	--	--	--	--	—
	Ambient T_{max} (°C)	--	--	--	--	--	—
Maximum measured temperature T of part/at.....:		T (°C)					Allowed T_{max} (°C)
AC Inlet body CN901(on power board)		35.8	36.8	--	--	--	55.4
PCB near NR901 (on power board)		43.1	51.2	--	--	--	90.4
L901 Coil body (on power board)		42.2	50.3	--	--	--	90.4
C902 body (on power board)		36.3	37.0	--	--	--	70.4
C901 body (on power board)		40.7	46.4	--	--	--	70.4
PCB near BD901 (on power board)		43.8	52.3	--	--	--	90.4
C907 (on power board)		45.6	47.4	--	--	--	90.4
T901 coil		56.9	53.0	--	--	--	95.4

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict

T901 core	54.6	51.7	--	--	--	95.4
C922 Body (on power board)	45.7	44.2	--	--	--	70.4
PCB near D901 (on power board)	58.1	53.2	--	--	--	90.4
PCB near U401 body (main board)	51.9	50.8	--	--	--	90.4
PCB near L801 (on power board)	49.7	48.3	--	--	--	90.4
PCB near U801 (on power board)	48.1	46.2	--	--	--	90.4
Metal	38.4	36.8	--	--	--	55.4
Plastic enclosure inside near T902	34.8	35.3	--	--	--	--
Plastic enclosure outside	31.2	31.7	--	--	--	80.4
Panel surface	32.8	33.3	--	--	--	80.4
Ambient	25.4	25.7	--	--	--	--

Supplementary information:

Temperature T of winding:	t_1 (°C)	R_1 (Ω)	t_2 (°C)	R_2 (Ω)	T (°C)	Allowed T_{max} (°C)	Insulation class

Supplementary information:

1. The temperatures were measured under the worst case normal mode defined in 1.2.2.1 and as described in sub-clause 1.6.2 at voltages as described above.
2. With a specified ambient temperature of 40°C. Temperature limits are calculated as follows:

   Winding components providing safety isolation:

   - Class B: Tmax = 120 - 10 - 40 + 25.4 = 95.4°C

   Components with maximum absolute temperature of others:

   - Tmax = Tmax of component - 40 + 25.4

Product: LCD MONITOR

Type Designation: 238LM000**, *240********, 215LM000**, *220********

Figure 1. 21.5 inch model

Figure 2. 21.5 inch model