



Ref. Certif. No.

JPTUV-014541-M3

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

Top Victory Electronics (Taiwan) Co., Ltd.
10F., No. 230, Liancheng Rd.
Zhonghe City, Taipei County 23553 Taiwan

Name and address of the manufacturer
Nom et adresse du fabricant

Top Victory Electronics (Taiwan) Co., Ltd.
10F., No. 230, Liancheng Rd.
Zhonghe City, Taipei County 23553 Taiwan

Name and address of the factory
Nom et adresse de l'usine

See additional page(s)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

AC 100-240V; 50/60Hz; 1.5A or 0.6-0.4A; 34W; Class I

Trade mark (if any)
Marque de fabrique (si elle existe)

NEC

Model/type Ref.
Ref. de type

L174F1

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

Re-issue of JPTUV-014544-M2 dated 06.11.2006,
due to third 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 60950-1:2001
National differences see test report

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 une partie de ce Certificat

11006763 004

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



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Global Technology Assessment Center
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Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 29.01.2008

Signature:

Dipl.-Ing. W. Hsu

1. Top Victory Electronics (Fujian)
Co., Ltd.
Yuan Hong Rd., Sung-Zheng, Hong-Lu
Fuqing, Fujian
P.R. China
2. TPV Technology (Beijing) Co., Ltd.
No. 10, Jiu Xian Qiao Rd.
Chao Yang District, Beijing 100016
P.R. China
3. Tatung Mexico S.A. de. C.V.
Ave. Rosa Ma. Fuentes #7050
Complejo Industrial Fuentes
C.P. 32320, Cd. Juarez. Chih,
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4. TPV Display Technology (Wuhan)
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8. TPV Technology (Ningbo) Co., Ltd.
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P.R. China
9. TPV Technology (Suzhou) Co., Ltd.,
Zhujiang Branch
No. 161, Zhujiang Road,
Suzhou New District, Suzhou City,
Jiangsu Province, P.R. China

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

Date: 29.01.2008

Signature:


Dipl.-Ing. W. Hsu

TEST REPORT IEC 60950-1 and/or EN 60950-1 Information technology equipment – Safety – Part 1: General requirements	
Report reference No	11006763 004
Tested by (printed name and signature)	Felix Yang
Approved by (printed name and signature)	Jean Chen
Date of issue	Jan. 28, 2008
Testing Laboratory Name	TÜV Rheinland Taiwan Ltd., Taichung Laboratory
Address	10F, No. 219, Min-Chuan Road, Taichung 403, Taiwan
Testing location	CBTL ☒ CCATL ☐ SMT ☐ TMP ☐
Address	Same as above
Applicant's Name	Top Victory Electronics (Taiwan) Co., Ltd.
Address	10F., No. 230, Liancheng Rd., Zhonghe City, Taipei County 23553 Taiwan
Test specification	
Standard	IEC 60950-1:2001 EN 60950-1:2001+A11: 2004
Test procedure	CB- scheme
Non-standard test method	N.A.
Test Report Form No.	IECEN60950_1B
TRF originator	SGS Fimko Ltd.
Master TRF	dated 2003-03
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Test item description	
Trademark	NEC
Manufacturer	Same as applicant
Model and/or type reference	L174F1
Serial number	Pre-production samples without serial numbers.
Rating(s)	100-240V~, 50/60Hz, 1.5A or 0.6-0.4A

Particulars: test item vs. test requirements

Equipment mobility : Movable equipment
 Operating condition..... : Continuous
 Mains supply tolerance (%) : $\pm 10\%$
 Tested for IT power systems : Yes (Norway)
 IT testing, phase-phase voltage (V) : IT, 230V for Norway
 Class of equipment : Class I
 Mass of equipment (kg) : 4.28
 Protection against ingress of water : IPX0

Test case verdicts

Test case does not apply to the test object . : N/A
 Test item does meet the requirement : P(ass)
 Test item does not meet the requirement : F(ail)

Testing

Date of receipt of test item : Jan., 2008
 Date(s) of performance of test : Jan., 2008

General remarks

"This report is not valid as a CB Test Report unless appended by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IEC 60384-12".

The test result presented in this report relate only to the object(s) tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(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 point is used as the decimal separator.

Comments:

Summary of compliance with National Differences (for explanation of codes see below):

AR, AT, AU, BE, CH, DE, DK, FI, FR, GB, GR, HU, IL, IN, IT, KR, MY, NL, NO, PL, SE, SG, SI

AR=Argentina, AT=Austria, AU=Australia, BE=Belgium, CA=Canada, CH=Switzerland, CN=China,
 DE=Germany, DK=Denmark, FI=Finland, FR=France, GB=United Kingdom, GR=Greece, HU=Hungary,
 IL=Israel, IN=India, IT=Italy, KE=Kenya, KR=Korea, MY=Malaysia, NL=The Netherlands, NO=Norway,
 PL=Poland, SE=Sweden, SG=Singapore, SI=Slovenia, SK=Slovakia, US=United States of America.

Factories:

1. Top Victory Electronics (Fujian) Co., Ltd.
Yuan Hong Rd., Sung-Zheng, Hong-Lu, Fuqing, Fujian, P.R. China
2. TPV Technology (Beijing) Co., Ltd.
No. 10, Jiu Xian Qiao Rd., Chao Yang District, Beijing 100016, P.R. China
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9. **Tatung Mexico S.A. de C.V.**
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History of amendments and modifications:

- Ref. No. 11006763 001 dated April 26, 2006 (original test report)
 Ref. No. 11006763 002 dated October 12, 2006 (modification)
 Ref. No. 11006763 003 dated November 03, 2006 (modification)
 Ref. No. 11006763 004 dated Jan. 28, 2008 (modification)

General product information:

Description of change(s):

1. Add new alternative material of plastic enclosure for all enclosure shapes.
2. Update factories' name and address as above with bold words.

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

Change	Testing	Comments
1.	• Enclosure push • Impact test • Stress relief test	UL approved material used. Test results see sub-clauses for details. For sources see appended table 1.5.1.
2.	• N/A	See detail information list in the factories with bold words.

IEC 60950-1 / EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
4.2.4	Steady force test, 250 N	250 N applied to outer plastic enclosure (all type source) near transformer. No energy or other hazards.	P
4.2.5	Impact test	No hazard as result from steel ball impact test.	P
	Fall test	See above.	P
	Swing test	See above.	P
4.2.7	Stress relief test	For the plastic enclosure (all type of enclosure source) after 7 hours at 73°C and cooling down to room temperature, no shrinkage, distortion or loosening any enclosure part was noticeable on the equipment.	P

1.5.1	TABLE: list of critical components				P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity
Plastic Enclosure	Cheil	GC-1017(+)	HB min., thickness 2.2mm min.	UL 94	UL
Note(s):					