

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

CB TEST CERTIFICATE

Product

SWITCHING POWER SUPPLY

Name and address of the applicant

DELTA ELECTRONICS INC
3 TUNGYUAN ROAD CHUNGLI INDUSTRIAL ZONE TAOYUAN
CITY 32063 TAIWAN

Name and address of the manufacturer

DELTA ELECTRONICS, INC.
3 TUNGYUAN ROAD, CHUNGLI INDUSTRIAL ZONE,
TAOYUAN CITY 32063, TAIWAN

Name and address of the factory

DELTA ELECTRONICS POWER (DONGGUAN) CO., LTD.
DELTA INDUSTRIAL ESTATE, XINCHENG DISTRICT, SHIJIE
TOWN, DONGGUAN, GUANGDONG 523308,
CHINA

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

 Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)

DELTA ELECTRONICS INC



Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

(1) PMT-24V350W1AG, PMT-24V350W1AK,
PMT-24V350W1AM, PMT-24V350W1AR.
(2) PMT-36V350W1AR, PMT-36V350W1AK.
(3) PMT-48V350W1AR, PMT-48V350W1AK.
(4) PMT-12V350W1AR, PMT-12V350W1AK.

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

Additionally evaluated to EN 62368-1:2014 /A11:2017.
National Difference specified in the CB Test Report. Additional Information on page 2

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

IEC 62368-1:2014

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

E131881-A6470-CB-1 issued on 2021-01-11

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

Date: 2021-01-11

Signature:

Jan-Erik StorgaardFor full legal entity names see www.ul.com/ncbnames

Factories:

DELTA ELECTRONICS (JIANGSU) LTD.
215200, NO.1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC AND TECHNOLOGICAL DEVELOPMENT
ZONE, SUZHOU CITY, JIANGSU PROVINCE,
P. R. CHINA

DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD.
909 SOI 9 MOO 4, BANGPOO INDUSTRIAL ESTATE (E.P.Z.), PATTANA 1 ROAD, TAMBOL PHRAKSA, AMPHUR
MUANG, SAMUTPRAKARN 10280,
THAILAND

DELTA ELECTRONICS INDIA PRIVATE LIMITED-SEZ UNIT
DELTA SEZ NOTIFIED AT SY NO. 16/1B2B PART & 16/1B2A PART PLOT NO.1, INDUSTRIAL PARK,
KURUBARAPALLI VILLAGE KRISHNAGIRI DIST, TAMIL NADU, 635115,
INDIA

Ratings:

- (1) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 24Vdc 14.6A.
(2) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 36Vdc 9.7A.
(3) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 48Vdc 7.3A.
(4) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 12Vdc 29A.

Additional information (if necessary)



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/nbcnames

Date: 2021-01-11

Signature:

Jan-Erik Storgaard




Ref. Certif. No.

DK-131410-UL

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

CB TEST CERTIFICATE

Product	SWITCHING POWER SUPPLY
Name and address of the applicant	DELTA ELECTRONICS INC 3 TUNGYUAN ROAD CHUNGLI INDUSTRIAL ZONE TAOYUAN CITY 32063 TAIWAN
Name and address of the manufacturer	DELTA ELECTRONICS, INC. 3 TUNGYUAN ROAD, CHUNGLI INDUSTRIAL ZONE, TAOYUAN CITY 32063, TAIWAN
Name and address of the factory	Delta Electronics (Thailand) Public Co., Ltd. 909 Soi 9 Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road, Tambol Phraksa, Amphur Muang, Samutprakarn 10280, Thailand
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2 (1) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz. Output: 24Vdc 14.6A. <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	 DELTA ELECTRONICS INC
Customer's Testing Facility (CTF) Stage used	CTF Stage 2 (1) PMT-24V350W1AG, PMT-24V350W1AK, PMT24V350W1AM, PMT-24V350W1AR. (2) PMT-36V350W1AR, PMT-36V350W1AK. (3) PMT-48V350W1AR, PMT-48V350W1AK. (4) PMT-12V350W1AR, PMT-12V350W1AK. Additionally evaluated to: EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 National Differences specified in the CB Test Report..
Model / Type Ref.	<input type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	IEC 62368-1:2018
A sample of the product was tested and found to be in conformity with	
As shown in the Test Report Ref. No. which forms part of this Certificate	E131881-A6495-CB-1 issued on 2022-08-24


This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/nbcnames

Date: 2022-08-24

Signature: 
Jan-Erik Storgaard



Ref. Certif. No.

DK-131410-UL

Factory(ies):

Delta Electronics (Dongguan) Co., Ltd.
No. 33 Pantao Road Shijie Town Dongguan Guangdong 523308
China

Delta Electronics (Jiangsu) Ltd.
215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone,
Suzhou City, Jiangsu Province,
P. R. China

DELTA ELECTRONICS (WUHU) LTD.
No. 138, Jiu Hua North Road, LongShan Street,
Economic technical Development Area Wuhu City, Anhui Province,
P. R. China

Delta Electronics (Thailand) Public Company Limited
111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua,
Amphur Bangpakong, Chachoengsao 24180,
Thailand

Delta Electronics (Dongguan) Co., Ltd Southwest Branch
No. 33 Pantao Road Shijie Town Dongguan Guangdong 523308
China

Delta Electronics India Private Limited-SEZ Unit
Delta SEZ Notified at SY No. 16/1B2B Part & 16/1B2A Part
Plot No.1, Industrial Park, Kurubarapalli Village
Krishnagiri Dist, Tamil Nadu, 635115,
INDIA

Additional Ratings:

- (2) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 36Vdc 9.7A.
- (3) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 48Vdc 7.3A.
- (4) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 12Vdc 29A.

Additional information (if necessary)



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2022-08-24

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-41961-A2-UL

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

SWITCHING POWER SUPPLY

Name and address of the applicant
Nom et adresse du demandeur

DELTA ELECTRONICS INC
3 TUNGYUAN RD
CHUNGLI INDUSTRIAL ZONE
TAOYUAN COUNTY, 32063 Taiwan

Name and address of the manufacturer
Nom et adresse du fabricant

DELTA ELECTRONICS INC
3 TUNGYUAN RD
CHUNGLI INDUSTRIAL ZONE
TAOYUAN COUNTY, 32063 Taiwan

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

DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD.
909 SOI 9 MOO 4, BANGPOO INDUSTRIAL ESTATE (E.P.Z.),
PATTANA 1 RD., TAMBOL PHRAKSA, AMPHUR MUANG,
SAMUTPRAKARN 10280
THAILAND

Note: When more than one factory, please report on page 2
Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{ème} page

Additional Information on page 2
See Page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

DELTA ELECTRONICS, INC.
CTF Stage 1

Trademark (if any)
Marque de fabrique (si elle existe)
Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

See Page 2

Model / Type Ref.
Ref. De type

Additional information (if necessary may also be reported on page 2)
Les informations complémentaires (si nécessaire,, peuvent être indiqués sur la 2^{ème} page

Additionally evaluated to EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011 / A2:2013; National Differences specified in the CB Test Report.

Additional Information on page 2

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(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

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

E131881-A1533-CB-2 issued on 2016-01-27

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



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

Date: 2016-01-27
Original Issue Date: 2014-11-17

Signature:

Jan-Erik Storgaard

For full legal entity names see www.ul.com/nbcnames

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

SWITCHING POWER SUPPLY

Name and address of the applicant
Nom et adresse du demandeur

DELTA ELECTRONICS INC
3 TUNGYUAN RD
CHUNGLI INDUSTRIAL ZONE
TAOYUAN COUNTY
32063 TAIWAN

Name and address of the manufacturer
Nom et adresse du fabricant

DELTA ELECTRONICS INC
3 TUNGYUAN RD
CHUNGLI INDUSTRIAL ZONE
TAOYUAN COUNTY
32063 TAIWAN

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

DELTA ELECTRONICS (THAILAND) PUBLIC CO., LTD.
909 SOI 9 MOO 4, BANGPOO INDUSTRIAL ESTATE (E.P.Z.),
PATTANA 1 RD., TAMBOL PHRAKSA, AMPHUR MUANG,
SAMUTPRAKARN 10280
THAILAND

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème} page

Additional Information on page 2
See Page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

DELTA ELECTRONICS, INC.

Trademark (if any)
Marque de fabrique (si elle existe)
Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeur

PMT-24V350W1AG, PMT-24V350W1AK, PMT-24V350W1AM,
PMT-24V350W1AR, PMT-36V350W1AK, PMT-36V350W1AR,
See Page 2

Model / Type Ref.
Ref. De type

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,,
peuvent être indiqués sur la 2^{ème} page

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/
A12:2011/ A2:2013; National Differences specified in the CB
Test Report.

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

Additional Information on page 2
IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-
1(ed.2);am2

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

E131881-A1533-CB-2 issued on 2014-11-24

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

Date: 2014-11-24
Original Issue Date: 2014-11-17

Signature:

Jan-Erik Storgaard

For full legal entity names see www.ul.com/ncbnames



Ref. Certif. No.

DK-41961-A1-UL

Model Details:

PMT-48V350W1AK, PMT-48V350W1AR

Factories:

DELTA ELECTRONICS POWER (DONGGUAN) CO., LTD.
DELTA INDUSTRIAL ESTATE, SHIJIE TOWN, DONGGUAN CITY, GUANGDONG PROVINCE 523308
CHINA

DELTA ELECTRONICS (JIANGSU) LTD.
NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC DEVELOPMENT ZONE, WUJIANG CITY, JIANGSU
PROVINCE, 215200
CHINA

Ratings:

(1) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz. Output: 24Vdc 14.6A for Models PMT-24V350W1AG, PMT-24V350W1AK, PMT-24V350W1AM, PMT-24V350W1AR

(2) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz. Output: 36Vdc 9.7A for Models PMT-36V350W1AR, PMT-36V350W1AK

(3) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz. Output: 48Vdc 7.3A for Models PMT-48V350W1AR, PMT-48V350W1AK

Additional Information:

The original report was modified to include the following changes/additions:

- (1) Revise typo of Table 5.1
- (2) Update typo of Model Differences in Enclosure ID 7-01
- (3) Add alternate components
- (4) Update Table 1.5.1

Additional information (if necessary)

Information complémentaire (si nécessaire)



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2014-11-24
Original Issue Date: 2014-11-17

Signature:
Jan-Erik Storgaard



Ref. Certif. No.

DK-41961-A2-UL

Model Details:

- (1) PMT-24V350W1AG, PMT-24V350W1AK, PMT-24V350W1AM, PMT-24V350W1AR.
- (2) PMT-36V350W1AR, PMT-36V350W1AK.
- (3) PMT-48V350W1AR, PMT-48V350W1AK.
- (4) PMT-12V350W1AR, PMT-12V350W1AK.

Factories:

DELTA ELECTRONICS POWER (DONGGUAN) CO., LTD.

DELTA INDUSTRIAL ESTATE, SHIJIE TOWN, DONGGUAN CITY, GUANGDONG PROVINCE 523308
CHINA

DELTA ELECTRONICS (JIANGSU) LTD.

NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC DEVELOPMENT ZONE, WUJIANG CITY, JIANGSU
PROVINCE, 215200
CHINA

Ratings:

- (1) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 24Vdc 14.6A.
- (2) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 36Vdc 9.7A.
- (3) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 48Vdc 7.3A.
- (4) Input: 100-120V~ 7.0A, 200-240V~ 4.0A, 50-60Hz.
Output: 12Vdc 29A.

Additional Information:

The original report was modified to include the following changes/additions:

- a. Add Models PMT-12V350W1AR, PMT-12V350W1AK.
- b. Minor change (print word) on PWB layout for models PMT-36V350W1AR, PMT-36V350W1AK, PMT-48V350W1AR and PMT-48V350W1AK without safety concern

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



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2016-01-27
Original Issue Date: 2014-11-17

Signature:

Jan-Erik Storgaard