



Ref. Certif. No.

DE 2-035719

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	See additional page(s)
Ratings and principal characteristics	Input : AC 100-240V; 50-60Hz; 1-0.5A; Class I; Output: 1) DC 12V; 3.33A; 2) DC 15V; 2.67A; 3) DC 18V; 2.22A; 4) DC 24V; 1.66A; 5) DC 48V; 0.83A
Trademark (if any)	Trademark of Delta Electronics, Inc.
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	1) MDS-040APS12 B; 2) MDS-040APS15 B; 3) MDS-040APS18 B; 4) MDS-040APS24 B; 5) MDS-040APB48 A
Additional information (if necessary may also be reported on page 2)	The risk management requirements of the standard were not addressed; models differ in model name, transformer (T1), output ratings, PCB layout, dimension of heatsink and the the ratings of component; for details see test report
A sample of the product was tested and found to be in conformity with	IEC 60601-1:2005+A1+A2 for national differences see test report
As shown in the Test Report Ref. No. which forms part of this Certificate	CN22CXRG 001

This CB Test Certificate is issued by the National Certification Body



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Web : www.tuv.com

Date: 2022-05-17

Signature:

Dipl.-Ing. W. Hsu

1. Delta Electronics (Dongguan) Co., Ltd.  
No.33, Pantao Road, Shijie Town,  
Dongguan, Guangdong 523308,  
P.R. China
2. Delta Electronics (Jiangsu) Ltd.  
215200, No.1688, Jiangxing East Road,  
Wujiang Economic and Technological  
Development Zone  
Suzhou City, Jiangsu Province, P.R. China
3. 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
4. Delta Electronics (Dongguan) Co., Ltd.  
Southwest Branch  
No.33, Pantao Road, Shijie Town,  
Dongguan, Guangdong 523308,  
P.R. China
5. DELTA ELECTRONICS (WUHU) LTD.  
No. 138, Jiu Hua North Road  
LongShan Street  
Economic-technical Development Area  
Wuhu City, Anhui Province, P.R. China
6. Delta Electronics (Thailand) Public  
Co., Ltd.  
111/6 Moo 9, Wellgrow Industrial Estate,  
Bangna-Trad Road, Tambol Bangwua,  
Amphur Bangkokong, Chachoengsao 24180, Thailand
7. 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 information (if necessary)**

Report Ref. No. : CN22CXRG 001

Date: 2022-05-17

Signature:



Dipl.-Ing. W. Hsu

**Additional information (if necessary)**

Report Ref. No. : CN22CXRG 001

Date: 2022-05-17

Signature:



Dipl.-Ing. W. Hsu

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 Road  
Chungli Industrial Zone, 32063 Taoyuan County, Taiwan

Name and address of the manufacturer  
Nom et adresse du fabricant

Delta Electronics, Inc.  
3 Tungyuan Road  
Chungli Industrial Zone, 32063 Taoyuan County, Taiwan

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

Additional Information page 2

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

AC 100-240V; 50-60Hz; 1-0.5A; Class I;  
DC 12V;8.33A(MDS-040APS12 B); DC 15V;2.67A(MDS-040APS15 B);  
DC 18V;2.22A(MDS-040APS18 B); DC 24V;1.66A(MDS-040APS24 B);  
DC 48V;0.83A(MDS-040APB48 A)

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

Delta or Trademark of Delta

Model/type Ref.  
Ref. de type

MDS-040APS12 B; MDS-040APS15 B;  
MDS-040APS18 B; MDS-040APS24 B;  
MDS-040APB48 A

Additional information (if necessary may also be  
reported on page 2)  
Les Information complémentaire (si nécessaire,  
peuvent être indiqués sur la 2<sup>ème</sup> page)

-add new model MDS-040APB48 A; for details see test report;  
-see also test report ref. nos. 11042404 001 and 002

PUBLICATION

EDITION

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 60601-1:2005 + A1  
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

11042404 003

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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Web: www.tuv.com



Date: 15.04.2016

Signature:

Dipl.-Ing. W. Hsu

1. Delta Electronics (Thailand) Public Co., Ltd. 909 Soi 9, Moo 4, Bangpoo Ind., Estate (E.P.Z.), Pattana 1 Rd. Tambol Phraksa Amphur Muang, Samutprakarn 10280, Thailand

2. Delta Electronics (Jiang Su), Ltd. No. 1688, Jiangxing East Road Wujiang Economic Development Zone Wujiang City, 215200 Jiang Su, China

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

Date: 15.04.2016

Signature:

  
Dipl.-Ing. W. Hsu





Ref. Certif. No.

JPTUV-045997-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

SWITCHING POWER SUPPLY

Name and address of the applicant  
Nom et adresse du demandeur

Delta Electronics, Inc.  
3 Tungyuan Road  
Chungli Industrial Zone, Taoyuan County 32063 Taiwan

Name and address of the manufacturer  
Nom et adresse du fabricant

Delta Electronics, Inc.  
3 Tungyuan Road  
Chungli Industrial Zone, Taoyuan County 32063 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

Input : AC 100-240V; 1-0.5A; 50-60Hz  
Protection Class: refer to the test report  
Output: 1) DC 12V, 3.33A; 2) DC 15V, 2.67A; 3) DC 18V, 2.22A  
4) DC 24V, 1.66A

DELTA ELECTRONICS, INC.

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

1) MDS-040APS12 B, 2) MDS-040APS15 B, 3) MDS-040APS18 B  
4) MDS-040APS24 B

Model/type Ref.  
Ref. de type

Testing location: TMP  
For model differences, refer to the test report.  
Re-issue of JPTUV-045997 dated 18.09.2012,  
due to first modification.

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

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  
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

11030014 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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Signature:

Dipl.-Ing. E. Stoerzel

Date: 21.11.2012

1. Delta Electronics (Jiangsu) Ltd.  
No. 1688, Jiangxing East Road  
Wujiang Economic Development Zone  
Wujiang City, Jiangsu Province 215200  
P.R. China
2. 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
3. Delta Electronics Power  
(Dongguan) Co., Ltd.  
Delta Industrial Estate  
Shijie Town, Dongguan City  
Guangdong Province 523308, P.R. China

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

Report Ref. No.: 11030014 002

Date: 21.11.2012

Signature:

  
Dipl.-Ing. F. Stoezel



Ref. Certif. No.

JPTUV-100933-A1/M1

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

See additional page(s)

Ratings and principal characteristics

Input : refer to test report  
Output: refer to test report

Trademark (if any)

Trademark of DELTA ELECTRONICS, INC.

Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

1a.) MDS-040APS12 B ; 2a.) MDS-040APS15 B  
3a.) MDS-040APS18 B; 4a.) MDS-040APS24 B  
1b.) PJT-12V40WBAXY; 2b.) PJT-15V40WBAXY  
3b.) PJT-18V40WBAXY; 4b.) PJT-24V40WBAXY  
(X, Y=0 to 9, A to Z or Blank); 5a.) MDS-040APB48 A

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

Additionally evaluated to EN 62368-1:2014+A11:2017.  
For model differences, refer to the test report.  
Re-issue of JPTUV-100933-A1 dated 21.10.2019,  
due to first modification.

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

IEC 62368-1:2014  
See Test Report for National Differences

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

50281637 003

This CB Test Certificate is issued by the National Certification Body



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Date: 2020-07-21

Signature:

Dipl.-Ing. Th. Illing



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2. Delta Electronics Power (Dongguan) Co., Ltd.  
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Dongguan, Guangdong 523308, P.R. China
3. Delta Electronics (Jiangsu) Ltd.  
215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone  
Suzhou City, Jiangsu Province, P.R. China
4. 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 information (if necessary)**

Report Ref. No. : 50281637 003

Date: 2020-07-21

Signature:



Dipl.-Ing. Th. Illing