



Ref. Certif. No.

JPTUV-109307-A1/M2

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; 2.5A; Class I Output: 1)4) DC 12V/10A; 2)5) DC 24V/5A; 3)6) DC 48V/2.5A
Trademark (if any)	Trademark of Delta Electronics, Inc.
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	1) DRL-12V120W1ENX1X2 , 2) DRL-24V120W1ENX1X2 , 3) DRL-48V120W1ENX1X2 , 4) DRL-120Z12V1ENX1X2X3 , 5) DRL-120Z24V1ENX1X2X3 , 6) DRL-120Z48V1ENX1X2X3 (X1, X2, X3 can be any alphanumeric character or blank)
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014+A11:2017. Additionally evaluated to BS EN 62368-1:2014+A11:2017. For model differences, refer to the test report. Re-issue of JPTUV-109307-A1/M1 dated 2021-11-18, due to second 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	60376523 004

This CB Test Certificate is issued by the National Certification Body

**TÜVRheinland**<sup>®</sup>TÜV Rheinland Japan Ltd.  
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Web : www.tuv.com

Date: 2023-03-01

Signature:

Dipl.-Ing. Th. Illing

1. 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
2. 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
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 (Dongguan) Co., Ltd.  
No.33, Pantao Road, Shijie Town,  
Dongguan, Guangdong 523308,  
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5. Delta Electronics (Dongguan) Co., Ltd.  
Southwest Branch  
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Dongguan, Guangdong 523308,  
P.R. China
6. Delta Electronics (Thailand) Public Co., Ltd.  
111/6 Moo 9, Wellgrow Industrial Estate,  
Bangna-Trad Road, Tambol Bangwua,  
Amphur Bangpakong, Chachoengsao 24180, Thailand
7. DELTA ELECTRONICS (WUHU) LTD.  
No. 138, Jiu Hua North Road  
LongShan Street  
Economic-technical Development Area  
Wuhu City, Anhui Province, P.R. China

**Additional information (if necessary)**

Report Ref. No. : 60376523 004



Date: 2023-03-01

Signature:

Dipl.-Ing. Th. Illing



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Ref. Certif. No.

JPTUV-138963-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 : AC 100-240V; 50-60Hz; 2.5A; Class I  
Output: refer to the test report

Trademark (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

1) DRL-12V120W1ENX1X2, 2) DRL-24V120W1ENX1X2,  
3) DRL-48V120W1ENX1X2, 4) DRL-120Z12V1ENX1X2X3,  
5) DRL-120Z24V1ENX1X2X3, 6) DRL-120Z48V1ENX1X2X3,  
(X1, X2, X3 = any alphanumeric character or blank)

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

Additionally evaluated to EN IEC 62368-1:2020+A11:2020.  
Additionally evaluated to BS EN IEC 62368-1:2020+A11:2020.  
For model differences, refer to test report.  
Re-issue of JPTUV-138963 dated 2022-08-30,  
due to first modification.

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

IEC 62368-1:2018  
See Test Report for National Differences

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

CN22UN4K 002

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Date: 2023-03-01

Signature:

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Bangna-Trad Road, Tambol Bangwua,  
Amphur Bangpakong, Chachoengsao 24180, Thailand
2. Delta Electronics (Dongguan) Co., Ltd.  
Southwest Branch  
No.33, Pantao Road, Shijie Town,  
Dongguan, Guangdong 523308,  
P.R. China
3. Delta Electronics India Private Limited-SEZ Unit  
Delta SEZ Notified at SY No. 16/1B2B  
Part & 16/1B2A Part Plot No.1,  
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5. Delta Electronics (Dongguan) Co., Ltd.  
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6. Delta Electronics (Thailand) Public Co., Ltd.  
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7. Delta Electronics (Jiangsu) Ltd.  
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**Additional information (if necessary)**

Report Ref. No. : CN22UN4K 002



Date: 2023-03-01

Signature:

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Ref. Certif. No.

JPTUV-138964-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.  
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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; 2.5A; Class I  
Output: DC 24V; 5A

Trademark (if any)

Trademark of WOEHRLE

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

E2405

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

Additionally evaluated to EN IEC 62368-1:2020+A11:2020.  
Additionally evaluated to BS EN IEC 62368-1:2020+A11:2020.  
Re-issue of JPTUV-138964 dated 2022-08-30,  
due to first modification.

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

IEC 62368-1:2018  
See Test Report for National Differences

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3. Delta Electronics India Private Limited-SEZ Unit  
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**Additional information (if necessary)**

Report Ref. No. : CN22UN4K 002



Date: 2023-03-01

Signature:

Dipl.-Ing. Th. Illing



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; 2.5A; Class I Output: 1) DC 12V/10A; 2) DC 24V/5A 3) DC 48V/2.5A
Trademark (if any)	Trademark of DELTA ELECTRONICS, INC.
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	1) DRL-12V120W1EN , 2) DRL-24V120W1EN , 3) DRL-48V120W1EN
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 60950-1:2006+A11+A1+A12+A2. For model differences, refer to test report.
A sample of the product was tested and found to be in conformity with	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	60378559 001

This CB Test Certificate is issued by the National Certification Body



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Date: 02.06.2020

Signature:

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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

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

Report Ref. No.: 60378559 001



Date: 02.06.2020

Signature:

Dipl.-Ing. M. Kroeger





® TM

Ref. Certif. No.

DE 2-038728

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,  
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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; 2.5A; 50-60Hz; Class I (PE connected)  
Output: 1) DC 12V; 10A, 2) DC 24V; 5A, 3) DC 48V; 2.5A

Trademark (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

1) DRL-12V120W1ENX1X2, DRL-120Z12V1ENX1X2X3  
2) DRL-24V120W1ENX1X2, DRL-120Z24V1ENX1X2X3  
3) DRL-48V120W1ENX1X2, DRL-120Z48V1ENX1X2X3  
(X1, X2, X3 can be any alphanumeric character or blank)

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

All models are similar except for model designation, transformer source, output ratings, bridging capacitor and secondary components of related output circuits.

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

IEC 61010-1:2010+A1  
See Test Report for National Differences

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

CN23XQHS 001

This CB Test Certificate is issued by the National Certification Body



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Date: 2023-03-10

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Amphur Bangpakong, Chachoengsao 24180, Thailand

**Additional information (if necessary)**

Report Ref. No. : CN23XQHS 001

The product fulfils the requirements of BS EN 61010-1:2010+  
A1:2019.

Additionally evaluated to:

IEC 61010-2-01:2017 for use with IEC 61010-1:2010,AMD1:2016

EN IEC 61010-2-01: 2018 use with EN 61010-1: 2010/A1:2019;

BS EN IEC 61010-2-01: 2018 use with

BS EN 61010-1:2010+A1: 2019.



Date: 2023-03-10

Signature:

Dipl.-Ing. Th. Illing