



Ref. Certif. No.

JPTUV-150577

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; 1.4A; 50-60Hz or AC 200-240; 0.9A;
50-60Hz (for China use only); Not classified
Output: refer to the test report

Trademark (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

DRC-xxV060W1RZx1x2
DRC-060ZxxV1RZx1x2x3
(xx = 12, 24 or 48; x1, x2 and 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.

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

CN23ZGQO 001

This CB Test Certificate is issued by the National Certification Body



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Web : www.tuv.com

Date: 2023-07-24

Signature:

Dipl.-Ing. F. Stoelzel

1. Delta Electronics (Dongguan) Co., Ltd.
No.33, Pantao Road, Shijie Town,
Dongguan, Guangdong 523308,
P.R. China
2. Delta Electronics (Dongguan) Co., Ltd.
Southwest Branch
No.33, Pantao Road, Shijie Town,
Dongguan, Guangdong 523308,
P.R. China
3. DELTA ELECTRONICS (WUHU) LTD.
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Wuhu City, Anhui Province, P.R. China
4. Delta Electronics (Jiangsu) Ltd.
215200, No.1688, Jiangxing East Road,
Wujiang Economic and Technological
Development Zone
Suzhou City, Jiangsu Province, P.R. China
5. Delta Electronics (Thailand) Public
Co., Ltd.
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6. Delta Electronics (Thailand) Public
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7. Delta Electronics India Private
Limited SEZ Unit
SY No.16/lb2b(Part) & 16/lb2a(Part),
Plot No.1, Industrial Park,
Kurubarapalli Village, Krishnagiri, Tamilnadu, 635115, India

Additional information (if necessary)

Report Ref. No. : CN23ZGQO 001

Date: 2023-07-24

Signature:



Dipl.-Ing. F. Stoelzel



Ref. Certif. No.

JPTUV-150582

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; 1.4A; 50-60Hz or AC 200-240; 0.9A;
50-60Hz (for China use only); Not classified
Output: refer to the test report

Trademark (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

DRC-xxV060W1RZx1x2
DRC-060ZxxV1RZx1x2x3
(xx = 12, 24 or 48; x1, x2 and x3 can be 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 the test report.

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

CN2350BQ 001

This CB Test Certificate is issued by the National Certification Body



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7. Delta Electronics India Private
Limited SEZ Unit
SY No.16/1b2b(Part) & 16/1b2a(Part),
Plot No.1, Industrial Park,
Kurubarapalli Village, Krishnagiri, Tamilnadu, 635115, India

Additional information (if necessary)

Report Ref. No. : CN235OBQ 001

Date: 2023-07-24

Signature:



Dipl.-Ing. F. Stoelzel



Ref. Certif. No.

DK-148075-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 Samutprakarn 10280
Thailand

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

[Additional Information on page 2](#)

Ratings and principal characteristics

Model DRC-12V060W1RZx1x2, DRC-060Z12V1RZx1x2x3
Input: 100-240VAC, 1.4A, 50-60Hz
Output: 12Vdc, 4.5A (54Wmax.)

[Additional Information on page 3](#)

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

DRC-12V060W1RZx1x2, DRC-060Z12V1RZx1x2x3,
DRC-24V060W1RZx1x2, DRC-060Z24V1RZx1x2x3,
DRC-48V060W1RZx1x2, DRC-060Z48V1RZx1x2x3,
(Where 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 61010-1:2010, EN 61010-1:2010/A1:2019, EN IEC 61010-2-201:2018
National Differences: EU Group Differences, CA, US
 [Additional Information on page 2](#)

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

IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-201:2017

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

E338991-D1027-1/A0/C0-CB issued on 2023-11-30

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/ncbnames

Date: 2023-12-08

Signature:

Thomas Wilson



Ref. Certif. No.

DK-148075-UL

Factory(ies):

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

Delta Electronics (Dongguan) Co Ltd
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 No1 Industrial Park
Kurubarapalli Village Krishnagiri Dist Tamil Nadu
635115IN
India

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 (WUHU) LTD.
No. 138, Jiu Hua North Road, Long Shan Street,
Economic technical
Development Area Wuhu City, Anhui Province
241008
China

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

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: 2023-12-08

Signature:

Thomas Wilson



Ref. Certif. No.

JPTUV-151033

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; 1.4A; 50-60Hz; built-in component
Output : DC 12V; 4.5A (54W Max) (xx= 12)
DC 24V; 2.5A (60W Max) (xx= 24)
DC 48V; 1.25A (60W Max) (xx= 48)

Trademark (if any)

Trademark of Delta Electronics, Inc.

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

DRC-xxV060W1RZx1x2
DRC-060ZxxV1RZx1x2x3
(xx= 12, 24 or 48; x1, x2, x3 can be any alphanumeric character or blank)

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

Additionally evaluated to Annex BB of IEC 61558-2-16.
For model differences, refer to the test report.

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

IEC 60335-1:2010+A1+A2
See Test Report for National Differences

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

CN23X358 001

This CB Test Certificate is issued by the National Certification Body



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Date: 2023-08-07

Signature:

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Additional information (if necessary)

Report Ref. No. : CN23X358 001

Date: 2023-08-07

Signature:



Dipl.-Ing. F. Stoelzel



Ref. Certif. No.

DE 2-039887

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; 1.4A; 50-60Hz or
AC 200-240V; 0.9A; 50-60Hz (for China use only);
For building-in into a Class I or Class II final system
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) DRC-xxV060W1RZx1x2
2) DRC-060ZxxV1RZx1x2x3
(xx = 12, 24 or 48; x1, x2 and x3 can be any alphanumeric character or blank)

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

All models are similar to each other except for the model designation, output ratings, transformer (T1) sources, and rating of components, see test report for details.

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

IEC 61558-2-16:2009+A1
IEC 61558-1:2005+A1
for national differences see test report

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

CN23P0JW 001

This CB Test Certificate is issued by the National Certification Body



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Date: 2023-07-31

Signature:

Dipl.-Ing. F. Stoelzel

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7. Delta Electronics India Private
Limited SEZ Unit
SY No.16/1b2b(Part) & 16/1b2a(Part),
Plot No.1, Industrial Park,
Kurubarapalli Village, Krishnagiri, Tamilnadu, 635115, India

Additional information (if necessary)

Report Ref. No. : CN23P0JW 001

Date: 2023-07-31

Signature:



Dipl.-Ing. F. Stoelzel



Ref. Certif. No.

DE 2-039888

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; 1.4A; 50-60Hz or
AC 200-240V; 0.9A; 50-60Hz (for China use only);
For building-in into a Class I or Class II final system
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) DRC-xxV060W1RZx1x2
2) DRC-060ZxxV1RZx1x2x3
(xx = 12, 24 or 48; x1, x2 and x3 can be any alphanumeric character or blank)

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

All models are similar to each other except for the model designation, output ratings, transformer (T1) sources, and rating of components, see test report for details.

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

IEC 61558-2-16:2021
IEC 61558-1:2017

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

CN23Q1MN 001

This CB Test Certificate is issued by the National Certification Body



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Kurubarapalli Village, Krishnagiri, Tamilnadu, 635115, India

Additional information (if necessary)

Report Ref. No. : CN23Q1MN 001

Date: 2023-07-31

Signature:



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