

# **DK-89701-UL**

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

### **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 INDÚSTRIAL ESTATE (E.P.Z), Note: When more than one factory, please report on page 2

PATTANA 1 ROAD, TAMBOL PHRAKSA, AMPHUR MUANG,

SAMUTPRAKARN 10280,

**THAILAND** 

Additional Information on page 2

Ratings and principal characteristics See Page 2

DELTA ELECTRONICS, INC. Trademark / Brand (if any)

Type of Customer's Testing Facility (CTF) Stage used CTF Stage 1

Model / Type Ref. (1) DRC-12V60W1AXY (XY=0-9, A-Z or blank)

(2) DRC-24V60W1AXY (XY=0-9, A-Z or blank)

(3) DRC-12V60W1C

Additional information (if necessary may also be Additionally evaluated to EN 62368-1:2014 /A11:2017.

reported on page 2) National Difference specified in the CB Test Report.

Additional Information on page 2

A sample of the product was tested and found IEC 62368-1:2014 to be in conformity with

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

of this Certificate

E131881-4789201338-2 Original issued on 2019-11-15

This CB Test Certificate is issued by the National Certification Body



Date: 2019-11-18

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

Signature:

Jan-Erik Storgaard



# **DK-89701-UL**

#### **Factories**

DELTA ELECTRONICS POWER (DONGGUAN) CO., LTD.

DELTA INDUSTRIAL ESTATE, XINCHENG DISTRICT, SHIJIE TOWN, DONGGUAN, GUANGDONG 523308, CHINA

DELTA ELECTRONICS (JIANGSU) LTD.

NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, SUZHOU CITY, JIANGSU PROVINCE, 215200

**CHINA** 

#### Ratings:

(1) For Model DRC-12V60W1AXY Input:  $100-240V_{\sim}$ , 1.5A, 50-60Hz

Output: 12Vdc, 4.5A

MAX. COMBINED TOTAL OUTPUT POWER: 54W

(2) For Model DRC-24V60W1AXY Input: 100-240V~, 1.5A, 50-60Hz

Output: 24Vdc, 2.5A

MAX. OUTPUT POWER: 60W (3) For Model DRC-12V60W1C

Input: 100-240V~, 1.5A, 50-60Hz; 125-252Vdc, 0.9A.

Output: 12Vdc, 4.5A

MAX. OUTPUT POWER: 54W

# **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

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

Date: 2019-11-18

Signature:

Jan-Erik Storgaard



**DK-127218-UL** 

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

#### **CB TEST CERTIFICATE**

**Product** 

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

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

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

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

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

SWITCHING POWER SUPPLY

**DELTA ELECTRONICS INC** 

3 Tungyuan Road

Chungli Industrial Zone Taoyuan City 32063

Taiwan

**DELTA ELECTRONICS INC** 

3 Tungyuan Road

Chungli Industrial Zone Taoyuan City 32063

Taiwan

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** 

□ Additional Information on page 2

(1) For model DRC-12V60W1AXY: Input: 100-240V~, 1.5A, 50-60Hz

Output: 12Vdc, 4.5A

Additional Information on page 2

DELTA ELECTRONICS, INC.

CTF Stage 1

(1) DRC-12V60W1AXY (XY=0-9, A-Z or blank);

(2) DRC-24V60W1AXY (XY=0-9, A-Z or blank);

(3) DRC-12V60W1C

Additionally evaluated to: EN IEC 62368-1:2020, EN IEC 62368-

1:2020/A11:2020

National differences specified in the CB Test Report.

☐ Additional Information on page 2

IEC 62368-1:2018

E131881-A6742-CB-1 issued on 2022-05-05

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 384 Ontario, CANADA

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

Date: 2022-05-05

Signature:

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### **DK-127218-UL**

#### Factory(ies):

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

#### DELTA ELECTRONICS (JIANGSU) LTD.

No 1688 Jiangxing East Road

Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu Province, 215200

China

Delta Electronics (Wuhu) Ltd No. 138 Jiuhua North Road LongShan Street Economic-technical Development Area Wuhu City, Anhui Province, 241008 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 No1 Industrial Park Kurubarapalli Village Krishnagiri Dist, Tamil Nadu 635115 India

#### Additional Ratings:

(2) For model DRC-24V60W1AXY: Input: 100-240V~, 1.5A, 50-60Hz

Output: 24Vdc, 2.5A

(3) For model DRC-12V60W1C:

Input: 100-240V~, 1.5A, 50-60Hz, 125-252Vdc, 0.9A.

Output: 12Vdc, 4.5A

#### Additional information (if necessary)



☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

Jan Bert Supund

☑ 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: 2022-05-05

Signature: Jan-Erik Storgaard



# **DK-89374-UL**

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

### **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

909 SOI 9, MOO 4, BANGPOO INDÚSTRIAL ESTATE (E.P.Z), Note: When more than one factory, please report on page 2

PATTANA 1 RD, TAMBOL PHRAKSA, AMPHUR MUANG,

DELTA ELECTRONICS (THAILAND) PUBLICCO., LTD.

SAMUTPRAKARN 10280,

THAILAND.

Additional Information on page 2

Ratings and principal characteristics See Page 2

DELTA ELECTRONICS, INC. Trademark / Brand (if any)

Type of Customer's Testing Facility (CTF) Stage used CTF Stage 1

Model / Type Ref. (1) DRC-12V60W1AXY (XY=0-9, A-Z or blank)

(2) DRC-24V60W1AXY (XY=0-9, A-Z or blank)

(3) DRC-12V60W1C

Additional information (if necessary may also be

reported on page 2)

Additionally evaluated to EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/ A2:2013.; 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 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013,

IEC 60950-1:2005

E131881-4789201338-1 Original issued on 2019-11-07

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

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

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

Signature: Date: 2019-11-11

Jan-Erik Storgaard



# **DK-89374-UL**

#### Factories:

DELTA ELECTRONICS POWER (DONGGUAN)CO., LTD.

DELTA INDUSTRIAL ESTATE SHIJIE TOWN, DONGGUAN CITY, GUANGDONG PROVINCE523308,

DELTA ELECTRONICS (JIANGSU) LTD.

NO. 1688, JIANGXING EAST ROAD, WUJIANGECONOMIC AND TECHNOLOGICALDEVELOPMENT ZONE, SUZHOU CITY, JIANGSUPROVINCE, 215200 CHINA.

#### Ratings:

(1) For Model DRC-12V60W1AXY Input: 100-240V~, 1.5A, 50-60Hz

Output: 12Vdc, 4.5A

MAX. COMBINED TOTAL OUTPUT POWER: 54W

(2) For Model DRC-24V60W1AXY Input: 100-240V~, 1.5A, 50-60Hz

Output: 24Vdc, 2.5A

MAX. OUTPUT POWER: 60W (3) For Model DRC-12V60W1C

Input: 100-240V~, 1.5A, 50-60Hz; 125-252Vdc, 0.9A.

Output: 12Vdc, 4.5A

MAX. OUTPUT POWER: 54W

## **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/ncbnames

Date: 2019-11-11

Signature: Jan-Erik Storgaard