



Ref. Certif. No.

DK-141870-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 Input rating: 100-240Vac, 15-7.5A, 50-60Hz <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	DELTA 
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	MEB-1K2A24T, MEB-1K2A48T, MEB-1K2A42T, MEB-1K2Z24VTB, MEB-1K2Z48TA,
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN 60601-1:2006, EN 60601-1:2006/A1:2013, EN 60601-1:2006/A12:2014, EN 60601-1:2006/A2:2021 National Differences: EU Group Differences, CA, US <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020
As shown in the Test Report Ref. No. which forms part of this Certificate	E356265-D1136-1/A0/C0-CB issued on 2023-06-07

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Dsmko), 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: 2023-06-14

Signature:

Thomas Wilson



Ref. Certif. No.

DK-141870-UL

Factory(ies):

DELTA ELECTRONICS (JIANGSU) LTD.

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

Delta Electronics (Dongguan) Co Ltd

No 33 Pantao Road, Shijie Town Dongguan, Guangdong, 523308 China

DELTA ELECTRONICS (WUHU) LTD

No. 138, Jiuhua North Road, LongShan Street, Economic technical Development Area Wuhu City, Anhui Province, 241009 China

Delta Electronics (Thailand) Public Co., Ltd.

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

SY No 16/1B2B Part & 16/1B2A Part Plot No1 Industrial Park Kurubarapalli Village Krishnagiri Plot No.1, Industrial Park, Kurubarapalli Village Tamil Nadu 635115 China

Additional Ratings:

Output rating:

For Model MEB-1K2A24T and MEB-1K2Z24VTB:

24V DC, 50A Max 5Vsb DC, 2A. Total power: 1210W Max.

For Model MEB-1K2A48T & MEB-1K2Z48TA:

48V DC, 25A Max. 5Vsb DC, 2A. Total power: 1210W Max.

For Model MEB-1K2A42T:

42V DC, 28.6A Max. 5Vsb DC, 2A. Total power: 1210W Max.

Additional information (if necessary)



- UL Solutions (US), 333 Pflingsten 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: 2023-06-14

Signature:

Thomas Wilson

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 RD, CHUNGLI INDUSTRIAL ZONE, TAOYUAN COUNTY, 32063 TAIWAN
Name and address of the manufacturer	DELTA ELECTRONICS INC 3 TUNGYUAN RD, CHUNGLI INDUSTRIAL ZONE, TAOYUAN COUNTY, 32063 TAIWAN
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	DELTA ELECTRONICS (JIANGSU) LTD. NO. 1688, JIANGXING EAST ROAD, WUJIANG ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, SUZHOU CITY, JIANGSU PROVINCE, 215200 P.R.C. <input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	DELTA 
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	MEB-1K2A24T, MEB-1K2A42T, MEB-1K2A48T
Additional information (if necessary may also be reported on page 2)	National Differences specified in the CB Test Report. <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1:1988, IEC 60601-1:1988/AMD1:1991, IEC 60601-1:1988/AMD2:1995
As shown in the Test Report Ref. No. which forms part of this Certificate	E356265-D1054-1/A0/C0-CB issued on 2018-08-17

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: 2018-08-22

Signature:

Jan-Erik Storgaard

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



Ref. Certif. No.

DK-75836-UL

Factories:

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

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

Ratings:

Input rating: 100-240Vac, 15-7.5A, 50-60Hz

Output rating:

For Model MEB-1K2A24T: 24V DC, 50A Max; 5Vsb DC, 2A. Total power: 1210W Max.

For Model MEB-1K2A48T: 48V DC, 25A Max.; 5Vsb DC, 2A. Total power: 1210W Max.

For Model MEB-1K2A42T: 42V DC, 28.6A Max.; 5Vsb DC, 2A. Total power: 1210W Max

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: 2018-08-22

Signature:

Jan-Erik Storgaard

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 RD CHUNGLI INDUSTRIAL ZONE, TAOYUAN COUNTY 32063 TAIWAN
Name and address of the manufacturer	DELTA ELECTRONICS INC 3 TUNGYUAN RD CHUNGLI INDUSTRIAL ZONE, TAOYUAN COUNTY 32063 TAIWAN
Name and address of the factory <small>Note: When more than one factory, please report on page 2</small>	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 <input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Input rating: 100-240Vac, 15-7.5A, 50-60Hz, See Page 2
Trademark (if any)	DELTA 
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	MEB-1K2A24T, MEB-1K2A42T, MEB-1K2A48T
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012
As shown in the Test Report Ref. No. which forms part of this Certificate	E356265-D1034-0/A2/C0-CB issued on 2018-08-03

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: 2018-08-08
Original Issue Date: 2017-06-09

Signature:



Jan-Erik Storgaard

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



Ref. Certif. No.

DK-64139-A2-UL

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:

Output rating:

For Model MEB-1K2A24T: 24V DC, 50A Max; 5Vsb DC, 2A. Total power: 1210W Max.
For Model MEB-1K2A48T: 48V DC, 25A Max.; 5Vsb DC, 2A. Total power: 1210W Max.
For Model MEB-1K2A42T: 42V DC, 28.6A Max.; 5Vsb DC, 2A. Total power: 1210W Max.

Additional Information:

Additionally evaluated to EN 60601-1:2006/ A1:2013/ A12:2014; National Differences specified in the CB Test Report.

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

- Added new model for new rating.
- Alternated transformer T1/T2 primary wire gauge secondary winding turns.
- Alternated one Relay (RL1) model.

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: 2018-08-08
Original Issue Date: 2017-06-09

Signature:

Jan-Erik Storgaard

IEC**IECEE**

®

TM

Ref. Certif. No.

JPTUV-116269-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; 15-7.5A; 50-60Hz; Class I Output:1)DC 24V/50A Max.; DC 5Vsb/2A; Total Power 1210W Max. 2)DC 48V/25A Max.; DC 5Vsb/2A; Total Power 1210W Max. 3)DC 42V/28.6A Max.; DC 5Vsb/2A; Total Power 1210W Max.
Trademark (if any)	Trademark of DELTA ELECTRONICS, INC.
Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	1) MEB-1K2A24T 2) MEB-1K2A48T 3) MEB-1K2A42T
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-116269 dated 18.11.2020, 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	NN208DUN 002

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web : www.tuv.com

Date: 2020-12-04

Signature:

Dipl.-Ing. Th. Illing

1. 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
2. Delta Electronics Power (Dongguan) Co., Ltd.
Delta Industrial Estate
Xincheng District, Shijie Town
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. : NN208DUN 002

Date: 2020-12-04

Signature:

Dipl.-Ing. Th. Illing





Ref. Certif. No.

JPTUV-141943

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; 15-7.5A; 50-60Hz; Class I Output: 1) DC 24V/50A Max., 2) DC 48V/25A Max., 3) DC 42V/28.6A Max.; DC 5Vsb/2A; Total Power 1210W Max.
Trademark (if any)	Trademark of Delta Electronics, Inc.
Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	1) MEB-1K2A24T 2) MEB-1K2A48T 3) MEB-1K2A42T
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	CN22AJ31 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
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Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web : www.tuv.com

Date: 2022-11-21

Signature:

Dipl.-Ing. Th. Illing

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 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
5. Delta Electronics (Dongguan) Co., Ltd.
Southwest Branch
No.33, Pantao Road, Shijie Town,
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. : CN22AJ31 001



Date: 2022-11-21

Signature:

Dipl.-Ing. Th. Illing



Ref. Certif. No.

DK-63659-A2-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 County 32063,
Taiwan

Name and address of the manufacturer

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

Name and address of the factory

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

[Additional Information on page 2](#)

Ratings and principal characteristics

See Page 2

Trademark (if any)

DELTA ELECTRONICS, INC.

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

CTF Stage 1

Model / Type Ref.

MEB-1K2A24T, MEB-1K2A42T, MEB-1K2A48T

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 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

IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013, IEC 60950-1:2005

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

E131881-4787926523.1(BA12)-1 Amendment 2 issued on 2018-07-27

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pflingsten 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: 2018-07-27
Original Issue Date: 2017-05-24

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-63659-A2-UL

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:

Input: 100-240V~, 15-7.5A, 50-60Hz
DC output: 24V/50A Max; 5Vsb/2A, 1210W Max (for model MEB-1K2A24T)
DC output: 48V/25A Max; 5Vsb/2A, 1210W Max (for model MEB-1K2A48T)
DC output: 42V/28.6A Max; 5Vsb/2A, 1210W Max (for model MEB-1K2A42T)

Additional Information:

The original report was modified to include the following changes/additions:
Add one new model MEB-1K2A42T.

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/names

Date: 2018-07-27
Original Issue Date: 2017-05-24

Signature: 
Jan-Erik Storgaard