

JPTUV-150373

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; 2A; 50-60Hz; 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-xxV100W1RZx1x2 DRC-100ZxxV1RZx1x2x3 (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 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	CN23195I 001			

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8. Delta Electronics (Chongqing) Co.,LTD. 3rd & 4th Floor, Plant 2. Mengxun Technology Park. No.6 Jidianyizhi Road, Chayuan, Nan'an District, Chongqing, 401336, P.R. China 9. Delta Electronics (Chongqing) Co.,LTD. Building 10, No.1, Jiangxia Road, Nan'an District, Chongqing, P.R. China Additional information (if necessary) Report Ref. No. : CN23195I 001 N. May Date: 2023-07-17 Signature: Dipl.-Ing. Th. Illing



JPTUV-150375

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; 2A; 50-60Hz; 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-xxV100W1RZx1x2 DRC-100ZxxV1RZx1x2x3 (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 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	CN2396B5 001			
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8. Delta Electronics (Chongqing) Co.,LTD. 3rd & 4th Floor, Plant 2. Mengxun Technology Park. No.6 Jidianyizhi Road, Chayuan, Nan'an District, Chongqing, 401336, P.R. China 9. Delta Electronics (Chongqing) Co.,LTD. Building 10, No.1, Jiangxia Road, Nan'an District, Chongqing, P.R. China Additional information (if necessary) Report Ref. No. : CN2396B5 001 N. May Date: 2023-07-17 Signature: Dipl.-Ing. Th. Illing Disclaimer: This is an electronically released document. The authenticity of this certificate can be verified on the IECEE Website "http://certificates.iecee.org"



DK-145749-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME **CB TEST CERTIFICATE** Switching Power Supply Product DELTA ELECTRONICS INC Name and address of the applicant 3 Tungyuan Road Chungli Industrial Zone Taoyuan City 32063 Taiwan DELTA ELECTRONICS INC Name and address of the manufacturer 3 Tungyuan Road Chungli Industrial Zone Taoyuan City 32063 Taiwan DELTA ELECTRONICS (THAILAND) PUBLIC CO LTD Name and address of the factory 909 Soi 9 Moo 4 Bangpoo Industrial Estate (EPZ) Pattana 1 Road Samutprakarn, Bangkok, 10280 Note: When more than one factory, please report on page 2 Thailand Additional Information on page 2 Model DRC-12V100W1RZx1x2, DRC-100Z12V1RZx1x2x3 Input: 100-240 Vac, 2 A, 50-60 Hz Ratings and principal characteristics Output: 12 Vdc, 7.1 A (max. 85.2 W) Additional Information on page 2 Trademark / Brand (if any) Customer's Testing Facility (CTF) Stage used DRC-12V100W1RZx1x2, DRC-24V100W1RZx1x2, DRC-48V100W1RZx1x2, Model / Type Ref. DRC-100Z12V1RZx1x2x3, DRC-100Z24V1RZx1x2x3 Additional Information on page 2 Additionally evaluated to: EN 61010-1:2010, EN 61010-1:2010/A1:2019, Additional information (if necessary may also be EN IEC 61010-2-201:2018 reported on page 2) National Differences: EU Group Differences Additional Information on page 2 A sample of the product was tested and found IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-201:2017 to be in conformity with As shown in the Test Report Ref. No. which forms E338991-D1026-1/A0/C0-CB issued on 2023-09-26 part of this Certificate 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 Solutions For full legal entity names see www.ul.com/ncbnames - f Wih Date: 2023-09-28 Signature: Thomas Wilson



DK-145749-UL

Factory(ies):

DELTA ELECTRONICS (JIANGSU) LTD. No 1688 Jiangxing East Road Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu, 215200 China

Delta Electronics (Dongguan) Co Ltd 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 No 1 Industrial Park Kurubarapalli Village Krishnagiri, Tamil Nadu 635115 India

Delta Electronics (Wuhu) Ltd No. 138 Jiuhua North Road Longshan Street Economic Technical Development Area Wuhu City, Anhui, 241009 China

Delta Electronics (Thailand) Public Company Limited 111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua, Amphur Bangpakong Chachoengsao, Chachoengsao, 24180 Thailand

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

Additional Model Detail(s):

DRC-12V100W1RZx1x2, DRC-24V100W1RZx1x2, DRC-48V100W1RZx1x2, (where x1 and x2 can be any alphanumeric character or blank) DRC-100Z12V1RZx1x2x3, DRC-100Z24V1RZx1x2x3, DRC-100Z48V1RZx1x2x3, (where x1, x2 and x3 can be any alphanumeric character or blank)

Additional Ratings:

Model DRC-24V100W1RZx1x2, DRC-100Z24V1RZx1x2x3 Input: 100-240 Vac, 2 A, 50-60 Hz Output: 24 Vdc, 3.83 A (max. 91.92 W) Model DRC-48V100W1RZx1x2, DRC-100Z48V1RZx1x2x3 Input: 100-240 Vac, 2 A, 50-60 Hz Output: 48V, 1.92 A (max. 92.16 W)

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: 2023-09-28

Signature:

The I Wil

Thomas Wilson



JPTUV-150467

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; 2A; 50-60Hz; built-in component Output : 1) DC 12V; 7.1A (85.2W Max) 2) DC 24V; 3.38A (91.92W Max) 3) DC 48V; 1.92A (92.16W Max)			
Trademark (if any)	Trademark of Delta Electronics, Inc.			
Customer's Testing Facility (CTF) Stage used	CTF Stage 1			
Model / Type Ref.	 DRC-12V100W1RZx1x2, DRC-100Z12V1RZx1x2x3, DRC-24V100W1RZx1x2, DRC-100Z24V1RZx1x2x3, DRC-48V100W1RZx1x2, DRC-100Z48V1RZx1x2x3 (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	CN236D6N 001			

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1. Delta Electronics (Jiangsu) Ltd. 215200, No.1688, Jiangxing East Road, Wujiang Economic and Technological Development Zone Suzhou City, Jiangsu Province, P.R. China 2. Delta Electronics (Dongguan) Co., Ltd. No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, 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 SY No.16/1b2b(Part) & 16/1b2a(Part), Plot No.1, Industrial Park, Kurubarapalli Village, Krishnagiri, Tamilnadu, 635115, India 5. Delta Electronics (Thailand) Public Co., Ltd. 111/6 Moo 9, Wellgrow Industrial Estate, Bangna-Trad Road, Tambol Bangwua, Amphur Bangpakong, Chachoengsao 24180, Thailand 6. Delta Electronics (Dongguan) Co., Ltd. Southwest Branch No.33, Pantao Road, Shijie Town, Dongguan, Guangdong 523308, P.R. China 7. DELTA ELECTRONICS (WUHU) LTD. No. 138, Jiuhua North Road LongShan Street Economic-technical Development Area Wuhu City, Anhui Province, P.R. China Additional information (if necessary) Report Ref. No. : CN236D6N 001 VL. May

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Dipl.-Ing. Th. Illing



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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; 2A; 50-60Hz; 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	CTF Stage 1			
Model / Type Ref.	 DRC-xxV100W1RZx1x2 DRC-100ZxxV1RZx1x2x3 (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, for details see test report.			
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	CN23YNF8 001			
This CD Test Configurate is issued by the Netional Configuration Design				

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Date:	2023-07-20 This is an electronically released document. The auther	Signature:	DiplIng. Th. Illing
			M. May
Additio	onal information (if necessary)	Report 1	Ref. No. : CN23YNP8 001
	P.R. China		
9.	Delta Electronics (Chongq: Building 10, No.1, Jiangxia Road, Nan'an Dist Chongqing,		
	Mengxun Technology Park. I Jidianyizhi Road, Chayuan Chongqing, 401336, P.R. Cl	, Nan'an Distr	LCt,
0.	Delta Electronics (Chongq: 3rd & 4th Floor, Plant 2.	IIIG) CO., LID.	



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CB TEST 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			
See additional page(s)			
Input : AC 100-240V; 2A; 50-60Hz; For building-in into a Class I or Class II final system Output: refer to the test report			
Trademark of Delta Electronics, Inc.			
CTF Stage 1			
 DRC-xxV100W1RZx1x2 DRC-100ZxxV1RZx1x2x3 (xx = 12, 24 or 48; x1, x2 and x3 can be any alphanumeric character or blank) 			
All models are similar to each other except for the model designation, output ratings, transformer (T1) sources, and rating of components, for details see test report.			
IEC 61558-2-16:2021 IEC 61558-1:2017			
CN236XX3 001			

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