

DEMKO CERTIFICATE

Certificate No.	D-07499-A1
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Date of Issue	2020-02-11
Certificate Holder	TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER R&D DIV 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN
Manufacturer	TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER R&D DIV 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195 JAPAN
Production site	TDK-LAMBDA MALAYSIA SDN BHD LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN PAHANG MALAYSIA See Page 2
Certified Product Model	Switching Power Supply RWS1000B-12/ME, RWS1000B-15/ME, RWS1000B-24/ME, RWS1000B-36/ME, RWS1000B-48/ME See Page 2
Trademark	<i>TDK-Lambda</i>
Rated Voltage / Frequency	See Page 2
Rated Current / Power	See Page 2
Insulation Class	CLASS I
Degree of protection (IP)	IPX0
Tested acc. to	EN 60601-1:2006/A12:2014, EN 60601-1:2006/A1:2013, EN 60601-1:2006
Test Report No.	E309264-D1027-2/A1/C0-CB issued on 2020-02-10
Additional	The report was revised to include administrative modifications.
Expire date	2029-09-16

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65,
info.dk@ul.com
www.ul-europe.com



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Model Details:

RWS1000B-12/ME, RWS1000B-15/ME, RWS1000B-24/ME, RWS1000B-36/ME, RWS1000B-48/ME may be followed by suffix "abcd" (a is R or S, b is CO2, c is FO, d is RF; and "a", "b", "c" and "d" may be blank)

Options "abcd" are defined as below.

- a: R (control on/off to output) or S (AUX output with 5 Vdc),
 - b: CO2 (thin coating (QMJU2) on both sides of printed wiring board to prevent unintentional objectives from adhering),
 - c: FO (remote sensing, parallel operation, low output voltage alarm),
 - d: RF (DC fan with opposite direction and air flow, and different derating curve),
- In addition, there is "RFO" combination "R" and "FO".

All the combinations using the options above are available except for "R"+"RFO" and "FO" + "RFO". For "FO" and "RFO" only, transformer (T1) is used.

Suffix "S" mainly indicates AUX output with 5 Vdc, 1 A, and the associated changes below.

- Circuit diagram, silk/pattern trace layouts,
- Additional transformer (T401),
- Additional insulation sheet to keep adequate spacing,
- Alternate noise filter coil (L1), type DN-DL3626, Instead, type DN-DL3153 is not used.
- Change of shape of fan flow barrier for suffix "S" + "RF"

Factories:

ALPS LOGISTICS FACILITIES CO LTD
593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831
JAPAN

TDK-LAMBDA CORP
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195
JAPAN

TDK-LAMBDA MALAYSIA SDN BHD
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR
MALAYSIA

SENDAN ELECTRONICS MFG CO LTD
1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756
JAPAN

Wuxi TDK-Lambda Electronics Co Ltd
NO 6 XING CHUANG ER LU WUXI JIANGSU 214028
CHINA

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
TONGXIN RD ZHAOFENG ECONOMIC DEVELOPMENT ZONE LEYU TOWN
ZHANGJIAGANG JIANGSU 215622
CHINA

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TDK-LAMBDA (CHINA) ELECTRONICS CO., LTD.
NO.95, ZHUJIANG RD, XINWU DISTRICT, WUXI JIANGSU
CHINA

Rated Voltage Frequency:

Input: 100-240 Vac, 50-60 Hz

Output:

RWS1000B-12/ME: 12 Vdc, 84 A

RWS1000B-15/ME: 15 Vdc, 67 A

RWS1000B-24/ME: 24 Vdc, 42 A

RWS1000B-36/ME: 36 Vdc, 28 A

RWS1000B-48/ME: 48 Vdc, 21 A

AUX output for suffix "S": 5 Vdc, 1 A

Additional Information:

This certificate replaces earlier issued D-Mark certificate No. D-07499, dated 2019-09-17.

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

- Addition of factory, TDK-Lambda (China) Electronics Co., Ltd., No.95, Zhujiang Rd, Xinwu District, Wuxi JiangSu China

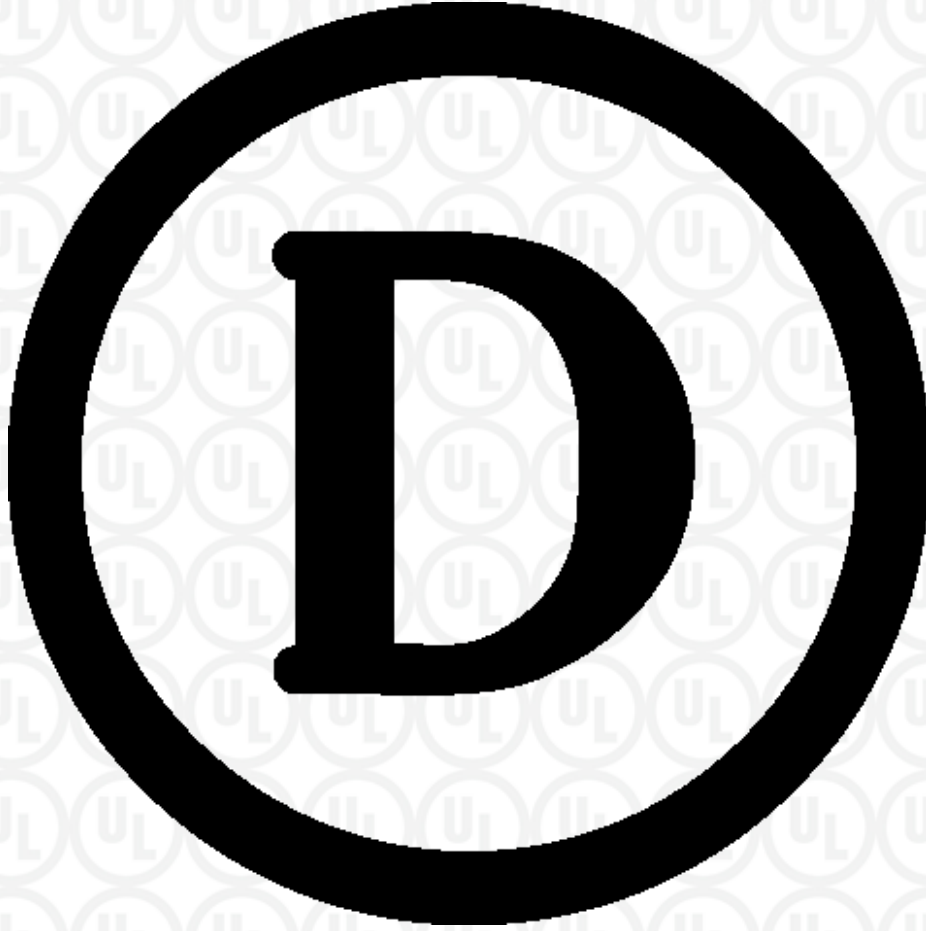
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