

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

TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER R&D DIV
2704-1 SETTAYA-MACHI
NAGAOKA-SHI NIIGATA 940-1195 JAPAN

Name and address of the manufacturer

TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER R&D DIV
2704-1 SETTAYA-MACHI
NAGAOKA-SHI NIIGATA 940-1195 JAPAN

Name and address of the factory

TDK-LAMBDA MALAYSIA SDN BHD
LOT 2 & 3, BATU 9 3/4
KAWASAN PERINDUSTRIAN BANDAR BARU
JAYA GADING 26070 KUANTAN PAHANG MALAYSIA

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

 Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



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

Model / Type Ref.

RWS1000B-12/ME, RWS1000B-15/ME, RWS1000B-24/ME,
RWS1000B-36/ME, RWS1000B-48/ME
See Page 2

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

The report was revised to include administrative modifications.
 Additional Information on page 2

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

IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005

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

E309264-D1027-2/A2/C0-CB issued on 2020-04-10

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

Date: 2020-04-17

Signature:

Original Issue Date: 2019-09-17

Jolanta M. Wroblewska



Ref. Certif. No.

US-34422-A2-UL

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

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

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

Additional information (if necessary)



- 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
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Ratings:

Input: 100-240 Vac, 13.0 A, 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:

Additionally evaluated to EN 60601-1:2006 / A1:2013 / A12:2014; National Differences specified in the CB Test Report. The Risk Management requirements of the standard were not addressed.

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

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

Additional information (if necessary)



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