

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

CB TEST CERTIFICATE

Product

Component 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 CORP
2704-1 SETTAYA-MACHI NAGAOKA-SHI
NIIGATA-KEN, 940-1195
JAPAN

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

 Additional Information on page 2

Ratings and principal characteristics

Input:
All models: 100-240Vac, 13.5A, 50/60Hz
Output:
Model HWS1000-24/ME: 24Vdc, 46A
Model HWS1000-36/ME: 36Vdc, 30.7A
Model HWS1000-48/ME: 48Vdc, 23A

Trademark / Brand (if any)



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

Model / Type Ref.

HWS1000-24/ME, HWS1000-36/ME, HWS1000-48/ME

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

The report was revised to include technical 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-D1009-1/A1/C0-CB issued on 2020-03-16

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: 2020-03-23

Signature:

Original Issue Date: 2015-07-24

Jolanta M. Wroblewska



Ref. Certif. No.

US-25646-M1-UL

Factories:

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

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

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

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

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:
Update of factory locations, addition of alternate components and other updates to the component list. See Test Report.

The Risk Management requirements of the standard were not addressed.

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: 2020-03-23
Original Issue Date: 2015-07-24

Signature:

Jolanta M. Wroblewska