



Ref. Certif. No.

US-25645-M3-UL

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

CB TEST CERTIFICATE

Product

Medical Grade 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
PLO33 KAWASAN PERINDUSTRIAN SENAI SENAI, Johor 81400
Malaysia

Note: When more than one factory, please report on page 2☒ [Additional Information on page 2](#)

Ratings and principal characteristics

HWS300-xx/ME, HWS300-xx/MEL:
Class I, No Patient Applied Parts
Input: 100 - 240 Vac, 50 / 60 Hz, 4.7 A Max.

☒ [Additional Information on page 2](#)

Trademark / Brand (if any)

TDK-Lambda

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

HWS300-xx/ME, HWS300-xx/MEL

☒ [Additional Information on page 2](#)

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

The report was revised to include technical modifications.

The risk management requirements of the standard were not addressed

National Differences: EU Group Differences, CA, JP, KR, US

☒ [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

E309264-D1007-1/A4/C0-CB issued on 2024-03-05

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

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

Date: 2024-03-07

Signature:

Original Issue Date: 2015-07-24

Jolanta M. Wroblewska



Ref. Certif. No.

US-25645-M3-UL

Factory(ies):

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

TDK-LAMBDA CORP
2704-1 SETTAYA-MACHI NAGAOKA-SHI, Niigata, 940-1195
Japan

TDK-Lambda (China) Electronics Co Ltd
No.95, Zhujiang Rd, Xinwu District Wuxi, Jiangsu Sheng, 214028
China

Additional Model Detail(s):

Medical Grade Power Supply: HWS300-xx/ME, HWS300-xx/MEL, Where xx represents the output voltage rating and can be one of the following: 12, 15, 24, 48.

Additional Ratings:

HWS300-12/ME, HWS300-12/MEL:
Output: 12 Vdc (9.6 - 14.4 Vdc), 27 Adc

HWS300-15/ME, HWS300-15/MEL:
Output: 15 Vdc (12 - 18 Vdc), 22 Adc

HWS300-24/ME, HWS300-24/MEL:
Output: 24 Vdc (19.2 - 28.8 Vdc), 14 Adc

HWS300-48/ME, HWS300-48/MEL:
Output: 48 Vdc (38.4 - 52.8 Vdc), 7 Adc

Summary of Modifications:

Updated the List of Critical Components table. See CB Test Report for details.

Additional information (if necessary)



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