



Ref. Certif. No.

US-25645-M1-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	<input checked="" type="checkbox"/> 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. <input checked="" type="checkbox"/> Additional Information on page 2
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	HWS300-xx/MEL, HWS300-xx/ME <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. <input checked="" type="checkbox"/> 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/A2/C0-CB issued on 2021-08-16

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: 2021-09-02
Original Issue Date: 2015-07-24

Signature:
Jolanta M. Wroblewska



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Factories:

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

SENDAN ELECTRONICS MFG CO LTD
440-GOKA
SHOGAWA-MACHI TONAMI-SHI, TOYAMA-KEN, 932-0313
JAPAN

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

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD
NO.95,ZHUJIANG RD, XINWU DISTRICT WUXI, JIANGSU, 214028
CHINA

Additional Model Detail(s):

HWS300-xx/MEL, HWS300-xx/ME, 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

Additionally evaluated to:

EN 60601-1:2006, EN 60601-1:2006/A1:2013, EN 60601-1:2006/A12:2014, National Differences specified in the CB Test Report.

Additional Information:

The Risk Management requirements of the standard were not addressed.

Summary of Modifications:

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

Amendment 2 (Technical):

- Additional of alternate components
- Changed Certification Marks in some components from SEMKO to VDE
- Updated component manufacturer names
- Corrections to component names, deletions of component, changed certification mark of component.

Additional information (if necessary)



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