


**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 81400 SENAI JOHOR MALAYSIA
<p><i>Note: When more than one factory, please report on page 2</i></p>	<input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	See Page 2
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	HWS150A-xx/ME, HWS150A-xx/MEA, HWS150A-xx/MER, HWS150A-xx/MERA See Page 2
Additional information (if necessary may also be reported on page 2)	The product has been evaluated with the exception of Risk Management assessment. <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
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-D1042-1/A0/C0-CB issued on 2020-03-19

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](http://www.ul.com/ncbnames)

Date: 2020-03-31

Signature:

Jolanta M. Wroblewska



**Model Details:**

HWS150A-xx/ME, HWS150A-xx/MEA, HWS150A-xx/MER, HWS150A-xx/MERA; Where xx represents the output voltage rating, and can be one of the following: 5, 12, 15, 24, or 48.

**Factories:**

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

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

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

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

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

**Ratings:**

**Input:**

HWS150A-xx/ME, HWS150A-xx/MEA, HWS150A-xx/MER, HWS150A-xx/MERA: 100-240 V ac, 50-60 Hz, 2.0 A

**Output:**

- (1) HWS150A-5/ME, HWS150A-5/MEA, HWS150A-5/MER, HWS150A-5/MERA: 5 Vdc, 30 A
- (2) HWS150A-12/ME, HWS150A-12/MEA, HWS150A-12/MER, HWS150A-12/MERA: 12 Vdc, 13 A
- (3) HWS150A-15/ME, HWS150A-15/MEA, HWS150A-15/MER, HWS150A-15/MERA: 15 Vdc, 10.0 A
- (4) HWS150A-24/ME, HWS150A-24/MEA, HWS150A-24/MER, HWS150A-24/MERA: 24 Vdc, 6.5 A
- (5) HWS150A-48/ME, HWS150A-48/MEA, HWS150A-48/MER, HWS150A-48/MERA: 48 Vdc, 3.3 A

**Additional Information:**

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

**Additional information (if necessary)**



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