

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE**CERTIFICAT D'ESSAI OC**

Product
Produit

Medical Grade Power Supply

Name and address of the applicant
Nom et adresse du demandeur

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

Name and address of the manufacturer
Nom et adresse du fabricant

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

Name and address of the factory
Nom et adresse de l'usine

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
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème} page

Additional Information on page 2
See Page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Trademark (if any)
Marque de fabrique (si elle existe)

TDK-Lambda

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais
constructeur

HWS300-xx/ME, HWS300-xx/MEL
See Page 2

Model / Type Ref.
Ref. De type

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,,
peuvent être indiqués sur la 2^{ème} page

Additional Information on page 2

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60601-1(ed.3), IEC 60601-1(ed.3);am1

As shown in the Test Report Ref. No. which forms
part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

E309264-D1007-1-CB issued on 2015-07-17

This CB Test Certificate is issued by the National Certification Body

Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), 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: 2015-07-24

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

US-25645-UL

Model Details:

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

Factories:

WUXI TDK-LAMBDA ELECTRONICS CO LTD
NO 6, XING CHUANG ER LU, WUXI SINGAPORE INDUSTRIAL PARK WUXI JIANGSU, 214028
P.R. CHINA

TDK-LAMBDA MALAYSIA SDN BHD
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400, SENAI, JOHOR
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
440-GOKA SHOGAWA-MACHI TONAMI-SHI TOYAMA-KEN 939-0313
JAPAN

Ratings:

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

Additional Information:

Additionally evaluated to EN 60601-1:2006/ A11:2011/ A1:2013/ A12:2014. National Differences specified in the CB Test Report.
Risk management was not included in this investigation.

Additional information (if necessary)

Information complémentaire (si nécessaire)



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- 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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