

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

Switching 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
NIIGATA 940-1195 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
NIIGATA 940-1195 JAPAN

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

TDK-LAMBDA CORP
2704-1 SETTAYA-MACHI
NAGAOKA-SHI
NIIGATA 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&3

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

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



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

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

Additionally evaluated to EN 60950-1:2006 /A11:2009/A1:2010/
A12:2011/ A2:2013; National Differences specified in the CB Test
Report.

Additional Information on page 3

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 60950-1(ed.2), IEC 60950-1(ed.2);am1,
IEC 60950-1(ed.2);am2

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

4787377261 issued on 2016-04-04

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 (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: 2016-04-14
Original Issue Date: 2015-08-11

Signature:

Akira Kato

Model Details:

HWS300-acdef, HWS300P-bcde, HWS300-24/OR

Suffixes:

a = 3, 5, 12, 15, 24, or 48

b = 24, 36 or 48

c = / or blank

d = PV or blank

e = CO, CO2, HD or blank

f = HU or blank (HWS300-24 only)

Factories:

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

ALPS LOGISTICS FACILITIES CO LTD

593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831
JAPAN

Wuxi TDK-Lambda Electronics Co Ltd

NO 6 XING CHUANG ER LU WUXI JIANGSU 214028
CHINA

SENDAN ELECTRONICS MFG CO LTD

1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756
JAPAN

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD

TONGXIN RD ZHAOFENG ECONOMIC DEVELOPMENT ZONE LEYU TOWN ZHANGJIAGANG JIANGSU 215622
CHINA

Ratings:

Input:

AC 100-240 V, 50/60 Hz,

4.1 A for models HWS300-acdef, HWS300-24/OR

4.4 A for models HWS300P-bcde

Output:

HWS300-3cdef

DC 3.3V (DC 2.64-3.96V), 60A (max. 198 W)

HWS300-5cdef

DC 5V (DC 4.0-6.0V), 60A (max. 300 W)

HWS300-12cdef

DC 12V (DC 9.6-14.4V), 27A (max. 324 W)

Additional information (if necessary)**Information complémentaire (si nécessaire)**

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UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

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HWS300-15cdef
DC 15V (DC 12.0-18.0V), 22A (max. 330 W)

HWS300-24cdef, HWS300-24/OR
DC 24V (DC 19.2-28.8V), 14A (max. 336 W)
also following peak output applied for HWS300-24/HU:
peak current 16.5A for AC 200-240V input, max. 10sec., Max. duty 35%.

HWS300-48cdef
DC 48V (DC 38.4-52.8V), 7A (max. 336 W)

HWS300P-24cde
DC 24V (DC 19.2-28.8V), 12.5A (max.300 W)
also following peak output applied:
peak current 21A (max. 504W) for AC 100-170V input,
peak current 42A (max.1008W) for AC 170-240V input, max. 5 sec., Max. duty 35%

HWS300P-36cde
DC 36V (DC 28.8-39.6V), 8.4A (max. 302.4 W)
also following peak output applied:
peak current 14A (max. 504W) for AC 100-170V input,
peak current 28A (max.1008W) for AC 170-240V input, max. 5 sec., Max. duty 35%

HWS300P-48cde
DC 48V (DC 38.4-52.8V), 6.3A (max. 302.4W)
also following peak output applied:
peak current 10.5A (max. 504W) for AC 100-170V input,
peak current 21A (max.1008 W) for AC 170-240V input, max. 5 sec., Max. duty 35%

Additional Information:

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

- Addition of model HWS300-24/HU.
- Change of suffix for model name

Additional information (if necessary)

Information complémentaire (si nécessaire)



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