

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-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<sup>eme</sup> 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)



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

Model / Type Ref.  
Ref. De type

ZWQ80-5xy2, ZWQ80-5xy4, ZWQ80-5xyz  
See Page 2

Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,,  
peuvent être indiqués sur la 2<sup>eme</sup> 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 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

4786910624-13 issued on 2015-09-18

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 Pflugsten 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: 2015-09-24

Signature:

Yoshihiro Yamamoto

Model Details:  
 ZWQ80-5xyz, ZWQ80-5xy2, ZWQ80-5xy4 (series name; ZWQ80 series)  
 x,y =2 or F, z =3,5,B or D  
 may be followed by suffix /L, /A, /FG, /LFG, /AFG, /AC, /LAC

Ratings :

Input:  
 AC 100-240V, 50/60Hz, 1.6A

Output:

Models without /LWQ	Output V1	Output V2	Output V3	Output V4
ZWQ80-5xyB				DC 2V, 9.0/7.0A
ZWQ80-5xy3		DC 12V, 2.5/2.0A (when x = 2)	DC -12V, 2.5/2.0A (when y = 2)	DC 2.0 – 3.83V, 9.0/7.0A
ZWQ80-5xyD	DC 5 – 5.25V, 10.0/8.0A	DC 15V, 2.5/2.0A (when x = F)	DC -15V, 2.5/2.0A (when y = F)	DC 4V, 9.0/7.0A
ZWQ80-5xy5				DC 2.0 – 5.25V, 9.0/7.0A
ZWQ80-5xy2				DC 11.4 – 12.6V, 4.0/3.0A
ZWQ80-5xy4				DC 22.8 – 25.2V, 2.0/1.5A

Max. total output power: 80W for convection cooling  
 104W for forced air cooling and at peak current

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

Additional Information:

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



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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