Ref. Certif. No.

DK-81564-UL

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

CB TEST CERTIFICATE

Product	Switching Power Supply for building-in
Name and address of the applicant	TDK-LAMBDA SINGAPORE PTE LTD #06-01/08 1008 TOA PAYOH NORTH SINGAPORE 318996 SINGAPORE
Name and address of the manufacturer	TDK-LAMBDA SINGAPORE PTE LTD #06-01/08 1008 TOA PAYOH NORTH SINGAPORE 318996 SINGAPORE
Name and address of the factory Note: *When more than one factory, please report on page 2*	TDK-LAMBDA MALAYSIA SDN BHD PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI MALAYSIA ☒ Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	TDK-Lambda
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	GWS250-24/BATYYYYYYYYYY, GWS250-24/PBATYYYYYYYYY, GWS250-48/BATYYYYYYYYYY, GWS250-48/PBATYYYYYYYYY, GWS250-XX/YYYYYYYYYYYYY See Page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014/A11:2017. National Differences specified in the CB Test Report. Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E252373-A6007-CB-1 issued on 2019-03-14

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

full legal entity names see www.ul.com/ncbnames

Date: 2019-03-15

Signature: [redacted]

[redacted]-Erik Storgaard

Model Details:
GWS250-XX/YYYYYYYYYYYYY
where XX can be 12, 24, 36, 48 and Y options can be any combination of P,F,L,RL,CO,CO2,ME,T or blank.

GWS250-24/BATYYYYYYYYYY,GWS250-24/PBATYYYYYYYYY,GWS250-48/BATYYYYYYYYYY,
GWS250-48/PBATYYYYYYYYY
where Y options can be any combination of F,L,RL,CO,CO2,ME,T or blank.

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

WUXI TDK-LAMBDA ELECTRONICS CO LTD
NO 6 XING CHUANG ER LU WUXI JIANGSU 214028
CHINA

KAYNES TECHNOLOGY INDIA PVT LTD
PLOT NO -339 HEBBAL INDUSTRIAL AREA HEBBAL MYSORE KA 570016
INDIA

PANYU TRIO MICROTRONICS CO LTD
SHIJI INDUSTRIAL ESTATE DONGYONG NANSHA GUANGZHOU GUANGDONG 511453
CHINA

Ratings:
For Model GWS250-XX/YYYYYYYYYYYYY (except : Models GWS250-XX/PYYYYYYYYYYYY,
GWS250-XX/BATYYYYYYYYYY, GWS250-XX/PBATYYYYYYYYY)
Input: 100-240 V ac, 3.3 A, 50/60 Hz
Output:
GWS250-12: 12 V dc (+10.8 - +13.2 V dc), 21 A max;
GWS250-24: 24 V dc (+22 - +28.8 V dc), 10.5 A max;
GWS250-36: 36 V dc (+32 - +40 V dc), 7 A max;
GWS250-48: 48 V dc (+42 - +57.6 V dc), 5.3 A max.

For Model GWS250-XX/PYYYYYYYYYYYY only:
Input: 100-240 V ac, 4.8 A, 50/60 Hz
Output:
GWS250-12/P: 12 V dc (+10.8 - +13.2 V dc), 29.2 A max;
GWS250-24/P: 24 V dc (+22 - +28.8 V dc), 14.6 A max;
GWS250-36/P: 36 V dc (+32 - +40 V dc), 9.7 A max;
GWS250-48/P: 48 V dc (+42 - +57.6 V dc), 7.3 A max.

For Models GWS250-24/BATYYYYYYYYYY and GWS250-48/BATYYYYYYYYYY only:
Input: 100-240 V ac, 3.3 A, 50/60 Hz
Output:
GWS250-24/BAT: 21-29 V dc, 8.8 A
GWS250-48/BAT: 42-58 V dc, 4.4 A

For Models GWS250-24/PBATYYYYYYYYY and GWS250-24/PBATYYYYYYYYY only:
Input: 100-240 V ac, 4.8 A, 50/60 Hz
Output:
GWS250-24/PBAT: 21-29 V dc, 12.2 A
GWS250-48/PBAT: 42-58 V dc, 6.1 A

Additional information (if necessary)

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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
UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2019-03-15

Signature:

Jan-Erik Storgaard