



Ref. Certif. No.

DK-137213-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	TDK-LAMBDA MALAYSIA SDN BHD PLO33 KAWASAN PERINDUSTRIAN SENAI SENAI, JOHOR, 81400 Malaysia <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-240 V ac, 3.3 A, 50/60 Hz, 100-240 V ac, 4.8 A, 50/60 Hz <input checked="" type="checkbox"/> Additional Information on page 2-3
Trademark / Brand (if any)	TDK-Lambda
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	GWS250-XX/YYYYYYYYYYYYYYY, GWS250-24/BATYYYYYYYYYYY, GWS250-24/PBATYYYYYYYYYYY, GWS250-48/BATYYYYYYYYYYY, GWS250-48/PBATYYYYYYYYYYY <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN IEC 62368-1:2020/A11:2020, EN IEC 62368-1:2020 National Difference specified in the CB Test Report. <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E252373-A6047-CB-1 issued on 2023-01-30

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2023-01-30

Signature:

Jan-Erik Storgaard



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Factory(ies):

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

TDK-Lambda (China) Electronics Co Ltd
No.95, Zhujiang Rd, Xinwu District Wuxi, JiangSu, 214028
China

KAYNES TECHNOLOGY INDIA PVT LTD
PLOT NO -339 HEBBAL INDUSTRIAL AREA HEBBAL MYSORE, Karnataka 570016
India

Panyu Trio Microtronics Co Ltd
SHIJI INDUSTRIAL ESTATE DONGYONG NANSHA GUANGZHOU, GUANGDONG, 511453
China

TDK (Thailand) Company Limited
1, 62 Rojana A Alley, Khan Ham, Uthai District Phra Nakhon Si Ayutthaya 13210
Thailand

Additional Model Detail(s):

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

Additional Ratings:

For Model GWS250-XX/YYYYYYYYYYYYYY (except : Models GWS250-XX/PYYYYYYYYYYYYYY, GWS250-XX/BATYYYYYYYYYYYYYY, GWS250-XX/PBATYYYYYYYYYYYYYY)

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.

Additional information (if necessary)



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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/BATYYYYYYYYYYYY and GWS250-48/BATYYYYYYYYYYYY 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/PBATYYYYYYYYYYYY and GWS250-48/PBATYYYYYYYYYYYY 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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