



Ref. Certif. No.

US-39257-UL

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

CB TEST CERTIFICATE

Product	DC-To-DC Converters
Name and address of the applicant	TDK-LAMBDA AMERICAS INC 3000 TECHNOLOGY DR, SUITE 100 PLANO, TX 75074 UNITED STATES
Name and address of the manufacturer	TDK-LAMBDA AMERICAS INC 3000 TECHNOLOGY DR, SUITE 100 PLANO, TX 75074 UNITED STATES
Name and address of the factory	TDK-LAMBDA AMERICAS INC 3000 TECHNOLOGY DR, SUITE 100 PLANO, TX 75074 UNITED STATES
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2 <input checked="" type="checkbox"/> Additional Information on page 2
Trademark (if any)	TDK or TDK-Lambda  
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	GQA24***A%%V-xxx -R, GQA2W***A%%V-xxx-R <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, EN IEC 62368-1:2020/A11:2020; National Differences 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	E220248-A6026-CB-1 issued on 2021-12-07

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

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

Date: 2021-12-07

Signature: Jolanta M. Wroblewska



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Factory(ies):

TDK-LAMBDA MALAYSIA SDN BHD
PLO33 KAWASAN PERINDUSTRIAN SENAI SENAI, JOHOR, 81400
MALAYSIA

Additional Model Detail(s):

GQA24***A%%V-xxx-R, (PR); -R indicating RoHS compliance, or -(007) for unpotted or (-0P7) for potted.

Where:

- 24 represents nominal input voltage, with a 18-36 Vdc input, Max Input Current 9 A dc;
- *** represents rated output current between 0 A - 2.5 A, *** maybe 1 to 3 digits, note that last digit is preceded by decimal point.
- %%% represents rated output voltage, 48 Vdc nominal, Note that the third digit is preceded by a decimal point. Example 120 implies 12.0 Volts. with Max Output Power of 120 W
- xxx represents alphanumeric characters which indicates non safety related feature set options
- Optional -R indicating RoHS compliance, or -(007) for unpotted, or (-0P7) for potted)

GQA2W***A%%V-xxx-R, (PR); -R indicating RoHS compliance, or -(007) for unpotted or (-0P7) for potted.

Where:

- 2W represents nominal input voltage, with a 9 36 Vdc input, with a Max Input Current of 23 A
- *** represents rated output current between 4.28 A - 28 A; *** maybe 1 to 3 digits, note that last digit is preceded by decimal point.
- %%% represents rated output voltage between, 5 Vdc -28 Vdc, with Max Output Power of 150 W. Note that the third digit is preceded by a decimal point. Example 120 implies 12.0 Volts. with Max Output Power of 120 W.
- xxx represents alphanumeric characters which indicates non safety related feature set options
- Optional -R indicating RoHS compliance, or -(007) for unpotted, or (-0P7) for potted)

Additional Ratings:

Optional

Rated Input: 36 VDC Max, 23 A Max

Rated output: 48 VDC Max, 28 A Max, 150 W Max.

Additional information (if necessary)



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