



Ref. Certif. No.

US-34965-M1-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"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	iQL48***A%%V-0##-R;  Input: DC 18 – 75 Vdc, max. 14.6 A Output: DC 1.2 - 28 Vdc, max. 60 A, max. 308 W <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Trademark (if any)	TDK or TDK-Lambda  
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	iQL48***A%%V-0##-R, iQL24***A%%V-0##-R <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN 62368-1:2014, EN 62368-1:2014/A11:2017 National Differences specified in the CB Test Report. The report was revised to include technical modifications. <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
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	E220248-A6012-CB-1 issued on 2022-05-17

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](http://www.ul.com/ncbnames)

Date: 2022-05-17  
Original Issue Date: 2019-12-12

Signature: Jolanta M. Wroblewska



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**US-34965-M1-UL**

**Factory(ies):**

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

**Additional Model Detail(s):**

iQL48\*\*\*A%%V-0##-R,  
where \*\*\* represents a three digit output current between 8 A – 60 A (Note that the first digit is always “0”)  
where %% represents a three digit output voltage between 1.2 V – 28 V, (Note that the third digit is preceded by a decimal point. Example 120 implies 12.0 Volts.) followed by  
where 0## or 0xx is a three digit number or alphanumeric character indicating a mechanical or control function modification.

iQL24\*\*\*A%%V-0##-R,  
where \*\*\* represents a three digit output current between 17A – 50 A  
where %%% represents a three digit output voltage between 1.2 V – 12 V, (Note that the third digit is preceded by a decimal point. Example 120 implies 12.0 Volts.) followed by  
where 0## or 0xx is a three digit number or alphanumeric character indicating a mechanical or control function modification.

**Additional Ratings:**

iQL24\*\*\*A%%V-0##-R;

Input: DC 18 – 36 Vdc, max. 14.5 A  
Output: DC 1.2 - 12 Vdc, max. 50 A, max. 252 W

**Summary of Modifications:**

Update of enclosures and Applicant, Manufacturer and Factory address, see CB Test Report for details.

**Additional information (if necessary)**



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