




Ref. Certif. No.

**US-32195-M1-UL**

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

**CB TEST CERTIFICATE**

Product	DC to DC Converter
Name and address of the applicant	TDK-LAMBDA AMERICAS INC SUITE 100 3320 MATRIX DR RICHARDSON TX 75082 USA
Name and address of the manufacturer	TDK-LAMBDA AMERICAS INC SUITE 100 3320 MATRIX DR RICHARDSON TX 75082 USA
Name and address of the factory	TDK-LAMBDA AMERICAS INC SUITE 100 3320 MATRIX DR RICHARDSON TX 75082 USA
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	N/A
Trademark (if any)	TDK or TDK-Lambda 
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	DDA*** (N or I) - %%%-xxxx-(bbb) See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. <input checked="" type="checkbox"/> 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	E220248-A6001-CB-1 issued on 2019-08-07

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

Date: 2019-08-07  
Original Issue Date: 2018-08-03

Signature:

Jolanta M. Wroblewska



Ref. Certif. No.

**US-32195-M1-UL**

**Model Details:**

DDA\*\*\***(N or I)**-%-%-%-xxxx-(bbb)

Where "\*\*\*\*" represents rated output power between 0W and 999W, based on the installed dc-dc power unit's rating.  
N = non-isolated, I = operational insulation / isolated.

%-%-% denotes number of outputs, number of modules and polarity (e.g. S1PX = single unit, positive or D2PN = dual output, two modules, one positive and one negative output)

xxxx indicates a number indicating magnitude of nominal voltage set point (e.g. 1205 = one 12V and 5V)

bbb indicates feature set.. e.g. (on off logic, power good feature present)

**Factories:**

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

**Additional Information:**

Additionally evaluated to EN 62368-1:2014 / A11:2017; National Differences specified in the CB Test Report.

The original report was modified to include the following changes/additions:

**Amendment 1 (Technical):**

- Revised the model number nomenclature (removed "-y" and "may be followed by "R").
- Marking plate was updated accordingly.

**Additional information (if necessary)**



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Note: When more than one factory, please report on page 2

TDK-LAMBDA AMERICAS INC  
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Additional Information on page 2

Ratings and principal characteristics

N/A

Trademark (if any)

TDK or TDK-Lambda

**TDK-Lambda**

Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

DDA\*\*\*(N or I)-%-%-%-xxxx-(bbb)-y  
See Page 2

Additional information (if necessary may also be reported on page 2)

The report was revised to include corrections.

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

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As shown in the Test Report Ref. No. which forms part of this Certificate

E220248-A6001-CB-1 issued on 2019-03-06

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Date: 2019-03-06

Signature:

Original Issue Date: 2018-08-03

Jolanta M. Wroblewska



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**Factories:**

TDK-LAMBDA MALAYSIA SDN BHD

PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR

MALAYSIA

**Additional Information:**

Additionally evaluated to EN 62368-1:2014 / A11:2017; National Differences specified in the CB Test Report.

**Summary of Modifications:**

Corrected EN Standard references and clauses.

**Additional information (if necessary)**



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MALAYSIA

**Additional information (if necessary)**



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