



Ref. Certif. No.

**US-36448-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  
SUITE 100  
3320 MATRIX DR  
RICHARDSON TX 75082  
UNITED STATES

Name and address of the manufacturer

TDK-LAMBDA AMERICAS INC  
SUITE 100  
3320 MATRIX DR  
RICHARDSON TX 75082  
UNITED STATES

Name and address of the factory

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

TDK-LAMBDA AMERICAS INC  
SUITE 100  
3320 MATRIX DR  
RICHARDSON TX 75082  
UNITED STATES

[Additional Information on page 2](#)

Ratings and principal characteristics

Rating:  
Input Voltage: 6 - 14 VDC (Wide range) 9 - 14 VDC (Narrow range), 18 A  
Output Voltage: 0.8 to 5.5 VDC, 16 A Max, 80 Watts

Trademark / Brand (if any)

TDK



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

CTF Stage 2

Model / Type Ref.

iBC12\*\*\*A%%V-0##  
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

E220248-A6019-CB-1 issued on 2020-08-24

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: 2020-08-24

Signature:

Jolanta M. Wroblewska



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**Model Details:**

iBC12\*\*\*A%%V-0## where:

i is a fixed character to denote the power module is TDK Innoveta Product.

BC to denote plate form name followed by

Two digits numbers to indicate Input Voltage: from 06 to 14 followed by

\*\*\* represents three digits current, eg."016" means 16A. Three numbers to indicate max output current, followed by A for Amperes followed

%%% represents three digits voltage, eg."008" means 0.8 V, to denote Nominal Output Voltage followed by V for Voltage, followed by

-0##, where the three digits combination of numbers and/or letters indicating features not affecting Safety may also be followed by -R to denote recognition.

**Factories:**

TDK-LAMBDA MALAYSIA SDN BHD

PLO33 KAWASAN PERINDUSTRIAN SENAI

81400 SENAI

JOHOR MALAYSIA

**Additional information (if necessary)**



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