



Ref. Certif. No.

US-34305-UL

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

CB TEST CERTIFICATE

Product

Component DC-DC Power Supply

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

Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark (if any)

TDK

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

CTF Stage 2

Model / Type Ref.

iFB Series,
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-A6004-CB-1 issued on 2019-08-28,
E220248-A6004-CB-1 issued on 2019-08-29

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: 2019-08-29

Signature:

Jolanta M. Wroblewska



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Model Details:

iFB48***A%%V-xxx, where *** represents rated output current between 40A - 60A, %%% represents rated output voltage between 8V - 12V and xxx represents any alphanumeric characters denoting non-safety related features. May be followed by optional "R"

iFB48042A120V-xxx, iFB48058A096V-xxx, iFB48058A083V-xxx, iFB48055A096V-xxx, iFB48050A120V-xxx, iFB48050A108V-xxx, "xxx "represents any alphanumeric characters denoting non-safety related features. May be followed by optional "R"

Factories:

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

Ratings:

Optional

iFB48050A120V-xxx:
Input: 36 - 75 VDC, 18 A Max
Output: 12V, 50A, 600 W Max

iFB48042A120V-xxx:
Input: 36 - 75 VDC, 15 A Max
Output: 12V, 42A, 500 W Max

iFB48050A108V-xxx:
Input: 36 - 75 VDC, 16.5 A Max
Output: 10.8V, 50A, 540 W Max

iFB48058A096V-xxx:
Input: 36 - 75 VDC, 18.5 A Max
Output: 9.6V, 58A, 557 W Max

iFB48055A096V-xxx:
Input: 36 - 75 VDC, 16 A Max
Output: 9.6V, 55A, 528 W Max

iFB48058A083V-xxx:
Input: 36 - 75 VDC, 15 A Max
Output: 8.3V, 58A, 481 W Max

Series iFB48***A%%V-xxx

Generic Rating:

Input: 36Vdc - 75Vdc, 19A max
Output: 8Vdc - 12Vdc, 40A - 60A, 600W maximum

Additional information (if necessary)



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