



Ref. Certif. No.

DE 2-039110

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

CB TEST CERTIFICATE

Product

Switching Power Supplies and Accessory Racks

Name and address of the applicant

TDK-Lambda Ltd.
56 Haharoshet St., P.O.B. 500
Karmiel Industrial Zone, 2161401 Karmiel, Israel

Name and address of the manufacturer

TDK-Lambda Ltd.
56 Haharoshet St., P.O.B. 500
Karmiel Industrial Zone, 2161401 Karmiel, Israel

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

1a), 1b), 2), 3), 4), 5), 6), 8a),
8b), 9), 10), 11), 12), 15) AC 100-240V, 50/60Hz
13) AC 100-240V, 50/60Hz (per each input);
(see Certificate page 3-4 for additional ratings)

Trademark (if any)

TDK-Lambda

Customer's Testing Facility (CTF) Stage used

CTF Stage 3

Model / Type Ref.

1) Single Power Supply Modules:
HFE1600-48xyzu/mmmmm, HFE1600-48xyzu-mmmmm,
HFE1600-32xzu/mmmmm, HFE1600-32xzu-mmmmm,
(see Certificate page 4 for additional Model/Type Ref.)

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

Replaces CB Certificate DE 2-038154.

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

IEC 62368-1:2018
for national differences see test report

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

32083425 303

This CB Test Certificate is issued by the National Certification Body



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Web : www.tuv.com

Date: 2023-05-03

Signature:

Dipl.-Ing. M. Glagla

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2161401 Karmiel
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2. TDK-Lambda (China) Electronics
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Malaysia

Additional information (if necessary)

Report Ref. No. : 32083425 303



Date: 2023-05-03

Signature:

Dipl.-Ing. M. Glagla

Additional information :

Ratings and principle characteristics (contd):

7), 14) DC 12V

1a), 2), 3), 4), 6) 14.2A max.; 1b); 8b) 13.5A max.

5) 11.7A; 7), 14) 0.5A max.; 8a), 9), 10), 11); 12), 15) 15A max.

13) 15A max. (per input)

Class I

Output Ratings

1a), 2) (*)

DC4 8V (DC 38.4-58V), 33A max., 1584W max.

DC 32V (DC 25.6-38.4V), 47A max., 1504W max.

DC 24V (DC 19.2-29V), 67A max., 1608W max.

DC 12V (DC 9.6-13.2V), 133A max., 1596W max.

1b) (*)

DC 48V (DC 38.4-58V), 27A max., 1296W max.

DC 32V (DC 25.6-38.4V), 38A max., 1216W max.

DC 24V (DC 19.2-29V), 54A max., 1296W max.

DC 12V (DC 9.6-13.2V), 107A max., 1284W max.

3) (*)

DC 48V (DC 38.4-58V), 33A max., 1584W max.

4) (*)

DC 48V (DC 38.4-58V), 27A max., 1296W max.

5) Output: at ambient temperature up to 35°C Vin=170-240VAC

DC 12V (DC 9.6-13.2V), 113A max., 1356W max.

6)

- Output voltage: same with installed power supply modules

- Output current:

HFE1600-S1U: according to number of installed modules but not more than 266A max. per each output, total 532A max.

HFE1600-D1U: according to type and number of installed modules but not more than 266A max. per each output

7), 14) N/A

8a) (*)

DC 48V (DC 38.4-58.0V), 52A max., 2496W max.

DC 24V (DC 19.2-29.0V), 104A max., 2496W max.

DC 12V (DC 9.6-13.2V), 200A max., 2400W max.

8b) (*)

DC 24V (DC 19.2-29.0V), 83.2A max., 1997W max.

DC 12V (DC 9.6-13.2V), 160A max., 1920W max.

9) (*)

DC 48V (DC 38.4-58.0V), 52A max., 2496W max.

DC 24V (DC 19.2-29.0V), 96A max., 2304W max.

DC 12V (DC 9.6-13.2V), 200A max., 2400W max.

10), 15) (*)

DC 48V (DC 38.4-58.0V), 52A max., 2496W max.

11)

Output: at ambient temperature up to 42°C, Vin=180-240Vac

DC 12.6V (DC 9.6-13.2V), 185A max., 2331W max.

Additional information :

Ratings and principle characteristics (contd):

12) (*)

DC 12V (DC 9.6-13.2V), 167A max., 2000W max.

DC 24V (DC 19.2-29.0V), 83.5A max., 2000W max.

13)

- Output voltage: same with installed units

- Output current: according to number of installed modules but not more than 320A max. per each output, total 640A max.

Auxiliary output (all except 7, 14): DC 12V/0.5A

(*) Output: at ambient temperature up to 50°C Vin=AC 170-240V

Model / Type Ref. (contd):

HFE1600-24xzu/mmmmm or HFE1600-24xzu-mmmmm,

HFE1600-12xzu/mmmmm or HFE1600-12xzu-mmmmm

(x=/S, blank; y=/POE, blank; z=-R, blank; u=/CO, blank; m=A-Z, 0-9, blank)

2) Single Power Supply Modules:

RFE1600-48xyu/mmmmm or RFE1600-48xyu-mmmmm,

RFE1600-32xu/mmmmm or RFE1600-32xu-mmmmm,

RFE1600-24xu/mmmmm or RFE1600-24xu-mmmmm,

RFE1600-12xu/mmmmm or RFE1600-12xu-mmmmm

(x=/S, blank; y=/POE, blank; u=/CO, blank; m=A-Z, 0-9, blank)

3) HFE1600-48/INF

4) HFE1600-48/SD

5) HFE1600-12/S-R/001

6) Accessory rack:

HFE1600-S1U-wu/mmmmm or HFE1600-S1U-wu-mmmmm

HFE1600-D1U-wu/mmmmm or HFE1600-D1U-wu-mmmmm

(w=TB or blank, u=/CO, blank, m=A-Z, 0-9, blank)

7) Communication Module: HFE1600-LAN

8) Single Power Supply Modules:

HFE2500-48xyzu/mmmmm or HFE2500-48xyzu-mmmmm

HFE2500-24xzu/mmmmm or HFE2500-24xzu-mmmmm

HFE2500-12xzu/mmmmm or HFE2500-12xzu-mmmmm

(x=/S, blank; y=/POE, blank; z=-R, blank; u=/CO, blank; m=A-Z, 0-9, blank)

9) Single Power Supply Modules:

RFE2500-48xyu/mmmmm or RFE2500-48xyu-mmmmm

RFE2500-24xu/mmmmm or RFE2500-24xu-mmmmm

RFE2500-12xu/mmmmm or RFE2500-12xu-mmmmm

(x=/S, blank; y=/POE, blank; u=/CO, blank; m=A-Z, 0-9, blank)

10) Single Power Supply Module: HFE2500-48/S-CQC

11) Single Power Supply Module: HFE2500-12/S-R/RE

12) Single Power Supply Module: HFE2500-24/S-Ky, HFE2500-12/S-Ky

13) Accessory rack: HFE2500-S1Uwu/mmmmm or HFE2500-S1Uwu-mmmmm

(w= TB, blank; u=/CO, blank; m=A-Z, 0-9, blank)

14) Communication Module: HFE2500-LAN

15) Single Power Supply Module: HFE2500-48/S-CQC2



Date: 2023-05-03

Signature:



Martin Glagla