

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

CB TEST CERTIFICATE

Product

Switching power supplies and accessory rack

Name and address of the applicant

TDK-Lambda UK Ltd.
Kingsley Ave, Ilfracombe, EX34 8ES, United Kingdom

Name and address of the manufacturer

TDK-Lambda UK Ltd.
Kingsley Ave, Ilfracombe, EX34 8ES, United Kingdom

Name and address of the factory

See page 2.

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

Ratings and principal characteristics

See page 2.

Trademark / Brand (if any)

TDK-Lambda

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

See page 2.

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

See the Test Report for information about National Differences.

☒ Additional Information on page 2

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

IEC 61010-1:2010 + A1:2016

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

T223-0768/25 (2025-12-02)

This CB Test Certificate is issued by the National Certification Body

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SIQ Ljubljana is accredited by Slovenian Accreditation with accreditation number CP-001 in the field of certification of products, processes and services (SIST EN ISO/IEC 17065).

Date: 2025-12-02

Signature: Matej Žontar

Model / Type Ref.:

1. Single power supply modules:

HFE3500-24/FSD, HFE3500-24/TSD, HFE3500-24/FSE, HFE3500-24/TSE, HFE3500-48/FSD, HFE3500-48/TSD, HFE3500-48/FSE, HFE3500-48/TSE

2. Rack module:

HFE3500-S1U/TB

Ratings and principal characteristics:

1. Single Power Supply Modules ratings:

Input:

100-240 V a.c.; 25 A max; 47 – 440 Hz; (for 2016 W output)

200-240 V a.c.; 22 A max; 47 – 440 Hz; (for 3504 W output)

Output:

24 V d.c., 84 A (2016 W); 12 V d.c., 1 A

(24 V version power supply module @ input 100-240 V a.c.);

24 V d.c., 146 A (3504 W); 5 V d.c., 2 A

(24 V version power supply module @ input 200-240 V a.c.);

48 V d.c., 42 A (2016 W); 12 V d.c., 1 A

(48 V version power supply module @ input 100-240 V a.c.);

48 V d.c., 73 A (3504 W); 5 V d.c., 2 A

(48 V version power supply module @ input 200-240 V a.c.)

2. Rack module ratings:

Input: refer to power supply modules (4 power supply modules included in the rack; each power supply module with individual connection to mains)

Output: For output voltage refer to power supply modules (up to 4 power supply modules included in the rack), max output current of the rack: 584 A (max 320 A per metal busbar), max output power of the rack: 14016 W

Name and address of the factories:

TDK-Lambda UK Ltd.

Kingsley Ave, Ilfracombe, EX34 8ES, United Kingdom

Panyu Trio Microtronics Co Ltd.

Shiji industrial estate, Dongyong, Nansha, Guangzhou, Guangdong 511453, China

Additional information (if necessary)

Date: 2025-12-02

Signature: Matej Žontar