

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 next page

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

Ratings and principal characteristics

See next page

Trademark / Brand (if any)

**TDK-Lambda**

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

See next page

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 62368-1:2018

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

T223-0310/25 (2025-11-12)

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: 2025-11-12

Signature: Matej Žontar

**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

**Model names:**

## 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:**

## 1. Single Power Supply Modules ratings:

Input:

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

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

Output:

24 V d.c., 84 A; 12 V d.c., 1 A (24 V version power supply module @ input 100-240 V a.c.);

24 V d.c., 146 A; 5 V d.c., 2 A (24 V version power supply module @ input 200-240 V a.c.);

48 V d.c., 42 A; 12 V d.c., 1 A (48 V version power supply module @ input 100-240 V a.c.);

48 V d.c., 73 A; 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

**Additional information (if necessary)**

Date: 2025-11-12

Signature: Matej Žontar