

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

CB TEST CERTIFICATE

Product	Switching power supplies and accessory racks - component for build-in
Name and address of the applicant	TDK-Lambda Ltd. 56 Haharoshet St., P.O.B. 500, Karmiel Industrial Zone, Karmiel 2161401, Israel
Name and address of the manufacturer	TDK-Lambda Ltd. 56 Haharoshet St., P.O.B. 500, Karmiel Industrial Zone, Karmiel 2161401, Israel
Name and address of the factory	TDK-Lambda Ltd. 56 Haharoshet St., P.O.B. 500, Karmiel Industrial Zone, Karmiel 2161401, Israel
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See pages 2-3 for details
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	CTF3
Model / Type Ref.	Single Power Supply Modules: 1). FPS1000-48xz, -32xz, -24xz, -12xz 2). RFE1000-48xz, -32xz, -24xz Empty Racks: 3). FPS-S1Uxy 4). FPS-T1Uxy Triple Power Supply Modules (based on FPS-S1U empty rack): 5). FPS3000-48x, -32x, -24x or -12x See page 2 for details
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC62368-1:2014, including National Differences: EU Group Differences, EU Special National Conditions, EU A-Deviations, AT, AU, BE, BY, CA, CH, CN, DE, DK, FI, FR, GB, HU, IL, IT, JP, KR, MY, NL, NO, NZ, SE, SG, SI, US
As shown in the Test Report Ref. No. which forms part of this Certificate	9912328257

This CB Test Certificate is issued by the National Certification Body

The Standards Institution of Israel
42 Chaim Levanon St.,
Tel Aviv 6997701, Israel

Date: November 18, 2020

Signature: 
Ilan Belker
Quality, Safety & Environmental Manager
Industry Division

Name and address of the factory:

2. TDK-Lambda (China) Electronics Co., Ltd.
No.95, Zhujiang Road, Xinwu District, Wuxi,
Jiangsu 214028, P.R. China

Model / Type Ref.:

Single Power Supply Modules:

- 1). FPS1000-48xz, -32xz, -24xz, -12xz (x = "/P", "/S", "/PS", "/POE", blank; z=/CO, blank)
- 2). RFE1000-48xz, -32xz, -24xz (x = "-Y", blank; z=/CO, blank)

Empty Racks:

- 3). FPS-S1Uxy (x = "/P", "/S", "/PS", "/TB", blank; y-/CO, blank)
- 4). FPS-T1Uxy (x = "/P", "/S", "/PS", blank; y-/CO, blank)

Triple Power Supply Modules (based on FPS-S1U empty rack):

- 5). FPS3000-48x, -32x, -24x or -12x (x = "/P", "/S", "/PS", "/TB", blank)

Ratings and principal characteristics:

1). FPS1000-48xz, -32xz, -24xz, -12xz:

1.a) x= "/S", "/POE", blank;

Input: 100-240 Vac, 13-6.3 A, 50/60 Hz;

Output:

- [-48 @ T=50°C]: V1 = 48 Vdc, 21 A; V2 = 12 Vdc, 0.25 A;
[-48 @ T=70°C]: V1 = 48 Vdc, 11.55 A; V2 = 12 Vdc, 0.25 A;
[-32 @ T=50°C]: V1 = 32 Vdc, 31 A; V2 = 12 Vdc, 0.25 A;
[-32 @ T=70°C]: V1 = 32 Vdc, 17.05 A; V2 = 12 Vdc, 0.25 A;
[-24 @ T=50°C]: V1 = 24 Vdc, 40 A; V2 = 12 Vdc, 0.25 A;
[-24 @ T=70°C]: V1 = 24 Vdc, 22 A; V2 = 12 Vdc, 0.25 A;
[-12 @ T=50°C]: V1 = 12 Vdc, 72 A; V2 = 12 Vdc, 0.25 A;
[-12 @ T=70°C]: V1 = 12 Vdc, 39.6 A; V2 = 12 Vdc, 0.25 A;

1.b) x= "/P", "/PS";

Input: 100-240 Vac, 13-6.3 A, 50/60 Hz;

Output:

- [-48 @ T=50°C]: V1 = 48 Vdc, 21 A; V2 = 12 Vdc, 0.25 A;
[-48 @ T=60°C]: V1 = 48 Vdc, 16.8 A; V2 = 12 Vdc, 0.25 A;
[-32 @ T=50°C]: V1 = 32 Vdc, 31 A; V2 = 12 Vdc, 0.25 A;
[-32 @ T=60°C]: V1 = 32 Vdc, 24.8 A; V2 = 12 Vdc, 0.25 A;
[-24 @ T=50°C]: V1 = 24 Vdc, 40 A; V2 = 12 Vdc, 0.25 A;
[-24 @ T=60°C]: V1 = 24 Vdc, 32 A; V2 = 12 Vdc, 0.25 A;
[-12 @ T=50°C]: V1 = 12 Vdc, 72 A; V2 = 12 Vdc, 0.25 A;
[-12 @ T=60°C]: V1 = 12 Vdc, 57.6 A; V2 = 12 Vdc, 0.25 A

Additional information (if necessary)

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Signature:


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Quality, Safety & Environmental Manager
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Ratings and principal characteristics:

2). RFE1000-48xz, -32xz, -24xz:

Input= 100-240 Vac, 13-6.3 A, 50/60 Hz;

Output:

[-48 @ T=50°C]: V1 = 48 Vdc, 21 A; V2 = 12 Vdc, 0.25 A;
 [-48 @ T=70°C]: V1 = 48 Vdc, 11.55 A; V2 = 12 Vdc, 0.25 A;
 [-32 @ T=50°C]: V1 = 32 Vdc, 31 A; V2 = 12 Vdc, 0.25 A;
 [-32 @ T=70°C]: V1 = 32 Vdc, 17.05 A; V2 = 12 Vdc, 0.25 A;
 [-24 @ T=50°C]: V1 = 24 Vdc, 40 A; V2 = 12 Vdc, 0.25 A;
 [-24 @ T=70°C]: V1 = 24 Vdc, 22 A; V2 = 12 Vdc, 0.25 A;

3). FPS-S1Uxy:

Input: 100-240Vac, 39-18.9 A, 50/60 Hz per unit, for full rack.

Output:

[-48 @ T=50°C]: V1 = 48 Vdc, 63 A; V2 = 12 Vdc, 0.75 A;
 [-48 @ T=70°C]: V1 = 48 Vdc, 34.66 A; V2 = 12Vdc, 0.75 A;
 [-32 @ T=50°C]: V1 = 32 Vdc, 93 A; V2 = 12Vdc, 0.75 A;
 [-32 @ T=70°C]: V1 = 32 Vdc, 51.15 A; V2 = 12Vdc, 0.75 A;
 [-24 @ T=50°C]: V1 = 24 Vdc, 120 A; V2 = 12Vdc, 0.75 A;
 [-24 @ T=70°C]: V1 = 24 Vdc, 66 A; V2 = 12Vdc, 0.75 A;
 [-12 @ T=50°C]: V1 = 12 Vdc, 216 A; V2 = 12Vdc, 0.75 A;
 [-12 @ T=70°C]: V1 = 12 Vdc, 118.8 A; V2 = 12Vdc, 0.75 A.

4). FPS-T1Uxy:

Input: 100-240 Vac, 13-6.3 A, 50/60 Hz per unit, up to 3 units;

Outputs (per each installed unit):

[-48 @ T=50°C]: V1 = 48 Vdc, 21 A; V2 = 12 Vdc, 0.25 A;
 [-48 @ T=70°C]: V1 = 48 Vdc, 11.55 A; V2 = 12 Vdc, 0.25 A;
 [-32 @ T=50°C]: V1 = 32 Vdc, 31 A; V2 = 12 Vdc, 0.25 A;
 [-32 @ T=70°C]: V1 = 32 Vdc, 17.05 A; V2 = 12 Vdc, 0.25 A;
 [-24 @ T=50°C]: V1 = 24 Vdc, 40 A; V2 = 12 Vdc, 0.25 A;
 [-24 @ T=70°C]: V1 = 24 Vdc, 22 A; V2 = 12 Vdc, 0.25 A;
 [-12 @ T=50°C]: V1 = 12 Vdc, 72 A; V2 = 12 Vdc, 0.25 A;
 [-12 @ T=70°C]: V1 = 12 Vdc, 39.6 A; V2 = 12 Vdc, 0.25 A;

5). FPS3000-48x, -32x, -24x or -12x:

Input: 100-240Vac, 39-18.9 A for /TB only and 13-6.3 each input, 50/60 Hz for full rack;

Outputs:

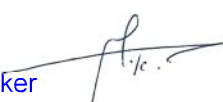
[-48 @ T=50°C]: V1 = 48 Vdc, 63 A; V2 = 12V dc, 0.75A;
 [-48 @ T=60°C]: V1 = 48 Vdc, 50.4 A; V2 = 12V dc, 0.75A;
 [-32 @ T=50°C]: V1 = 32 Vdc, 93 A; V2 = 12V dc, 0.75A;
 [-32 @ T=60°C]: V1 = 32 Vdc, 74.4 A; V2 = 12V dc, 0.75A;
 [-24 @ T=50°C]: V1 = 24 Vdc, 120 A; V2 = 12V dc, 0.75A;
 [-24 @ T=60°C]: V1 = 24 Vdc, 96 A; V2 = 12V dc, 0.75A.
 [-12 @ T=50°C]: V1 = 12 Vdc, 216 A; V2 = 12V dc, 0.75A;
 [-12 @ T=60°C]: V1 = 12 Vdc, 172.8 A; V2 = 12V dc, 0.75A

Additional information (if necessary)


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