



Product Service

CERTIFICATE

No. B 057396 0878 Rev. 01

Holder of Certificate: **XP Power LLC.**

340 Commerce, Suite 100
Irvine CA 92602
USA

Certification Mark:



Product: **Power supply**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 7191308513-TR

Valid until: 2026-01-07

Date, 2024-07-08

(Kim Hock Teo)

CERTIFICATE

No. B 057396 0878 Rev. 01

Model(s):

HPD4K5TSxxx Series

(Where xxx can be 025, 050, 075, or 150 indicating max VDC)

Brand Name:

XP

Parameters:

Rated Input Voltage: 200-240 VAC, 3-Phase (3W+PE)

Rated Input Current: 17.5 A max per phase

Rated Input Frequency: 50/60 Hz

Protection Class: Class I at end use

Temperature, Ambient: 50°C with 100% rated output, forced air Cooling,
70°C with 50% rated output, forced air cooling

Elevation for Use: 0-5000 m above sea level

General Product information:

HPD4K5TSxxx Series is a 3-Phase AC to DC isolating power supply for building-in. The power supply employs three PSUs (HPD1K5PSxx) with up to a 4500 Watt rated output is provided with a metal enclosure housing and several PWBs with various critical components intended for use in Information Technology Equipment. The main output is considered ES3 and PS3 circuits. Standby output for all models is 5 VDC and is considered ES1, PS1 circuit.

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Max Current (A)	Max Power (W)
HPD4K5TS025	5-25	188	4500
HPD4K5TS050	10-50	94	4500
HPD4K5TS075	7.5-75	62.5	4500
HPD4K5TS150	15-150	31.5	4500
All models have 5Vdc, 1 A stand-by output. De-rated by percentage same as conditions noted above for main output.			

CERTIFICATE

No. B 057396 0878 Rev. 01

Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- The protective bonding terminal of the power supply shall be reliably bonded to the main protective earthing terminal of the end product.
- Hi-pot test, touch current test and ground bond test shall be conducted at end product.
- The fans provided in this sub-assembly are provided with fan guards that are integral to the chassis to reduce the risk of operator contact with the stator.
- Safeguards against capacitor discharge after disconnection of a connector shall be evaluated in the end-product.
- Suitable 20A, 250V rated external current protective devices shall be provided as part of the end-product installation.
- To provide a suitable mains input for the end product with this power supply unit, a suitable step down transformer shall be considered for the rated input voltage.

Tested according to: EN 62368-1:2014/A11:2017