



CERTIFICATE

No. B 057396 0514 Rev. 00

Holder of Certificate:

XP Power LLC.

15641 Red Hill Avenue, Suite 100

Tustin CA 92780

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. See also notes overleaf.

Test report no.:

095-72138649-000

Valid until:

2023-08-03

Date,

2018-08-22

(Adrian Rabago Valenzuela)

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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: Rated Input Frequency: 50/60 Hz

17.5 A max per phase

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 s noted above for main output.

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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

Production Facility(ies): 059061, 059319, 071712, 089850

