



CERTIFICATE

No. B 057396 0580 Rev. 00

Holder of Certificate: XP Power LLC.

15641 Red Hill Avenue, Suite 100

Tustin CA 92780

USA

Certification Mark:



Product: Power supply

AC-DC 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.: 095-72137683-200

Valid until: 2024-11-21

Date, 2019-11-27 (Liyuan (Mandy) Zhao)

Alt.



CERTIFICATE

No. B 057396 0580 Rev. 00

HPT5K0TSxxx Series Model(s):

(where x can be 0 to 9 representing rated output voltage)

Brand Name: XP Power LLC

Parameters:

Rated Input Voltage: 200-240 VAC or 380-480 VAC; 3-Phase (3W+PE)

Rated Input Frequency: 50/60 Hz

10 A Max Per Phase Rated Input Current: Class I at end use **Protection Class:**

IPX0 Degree of Protection:

50°C with 100% of rated output Temperature, Ambient:

70°C with 50% of rated output

Altitude of Operation: Up to 5000 m

POWER SUPPLY

General Product information:

The equipment is a 3-Phase (3W+PE) AC to DC isolating power supply for building-in. The power supply with up to a 5000 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 outputs are considered ES3 and PS3 circuits. The 5Vsb auxiliary output is an isolated output

Rated Outputs:

Model Number	OUTPUT RATING				
	Output	200 - 240 VAC Input		380 - 480 VAC Input	
	Voltage (VDC)	Max Current (A)	Max Power (W)	Max Current (A)	Max Power (W)
HPT5K0TS048	0 - 50.4	62.50	3000	104.17	5000
HPT5K0TS060	0-63.0	50.00	3000	83.33	5000
HPT5K0TS100	0 – 105	30.00	3000	50.00	5000
HPT5K0TS200	0 – 210	15.00	3000	25.00	5000
All Models are provided with an isolated 5 Vsb / 2 A output					



CERTIFICATE

No. B 057396 0580 Rev. 00

Model Differences

All models provided within the series are identical with the exception of the output rating, Mains transformer windings, and minor secondary components.

Conditions of Acceptability:

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

- The following output circuits are at ES1 energy levels: 5 Vsb and 48 VDC
- The following output circuits are at ES3 energy levels: 60Vdc, 100Vdc, 200Vdc
- The following output circuits are at PS1 energy levels: 5Vsb
- The following output circuits are at PS3 energy levels: 48Vdc, 60Vdc, 100Vdc, 200Vdc
- The maximum investigated branch circuit rating is: 30 A
- The investigated Pollution Degree is: 2
- The following end-product enclosures are required: Mechanical, Electrical, Fire
- The equipment is suitable for direct connection to: AC mains supply
- The power supply was evaluated to be used at altitudes up to: 5000 m
- The fan provided in this sub-assembly is provided with a fan guard that is integral to the chassis to reduce the risk of operator contact with the stator.
- An investigation of the protective earthing connection has been conducted. All units must be connected directly to the building mains protective earthing connection.
- These component power supplies employ VDRs connected to ground in series with a GDT.
 The GDT was not evaluated for basic insulation. They are to be installed within an endproduct which will be installed within a rack system. Permanent connection to earth is
 guaranteed by means of the overall rack configuration and the Pluggable Type B power
 distribution unit (PDU) which powers the individual sub-components within the rack.

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

Production Facility(ies):

089850, 059319, 071712, 059061