



CERTIFICATE

No. B 057396 0511 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.:

095-72139296-000

Valid until:

2023-07-19

Date,

2018-07-24

(Ping He)



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Model(s):

HPT5K0TSxxx Series

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

Brand Name:

ΧP



Parameters:

Rated Input: 200-480 VAC, 3-Phase (3W+PE)

Rated Current: 10 A Max Per Phase Rated Input Frequency: 50/60 Hz

Elevation for Use: 0-5000 m above sea level

Protection Class: Class I at end use

Maximum Temperature, Ambient: 50°C with 100% of rated output, 70°C with 50% of rated output

Rated Outputs:

Model Number	OUTPUT RATING				
	Voltage (VDC)	200-240 V ac input range		380-480 Vac input range	
		Max Current (A)	Max Power (W)	Max Current (A)	Max Power (W)
HPT5K0TS060	0-60	50	3000	83.33	5000
HPT5K0TS100	0-100	30	3000	50	5000
HPT5K0TS200	0-200	15	3000	25	5000

All models are provided with an isolated 5Vdc/2 A output. De-rated by percentage same as conditions 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.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the end product.
- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP primary and Earth.
- Consideration shall be given to measuring the temperature on power electronic components and transformer windings when the power supply is installed in the end-use equipment. The end use product shall ensure that the power supply is used within its ratings.
- Earth and Touch leakage current testing and consideration of non-frequency weighted leakage test shall be considered in the end product application.
- · The output is at hazardous voltage and energy level, additional evaluation at end product.
- This power supply has been evaluated as a continuous operation, ordinary equipment and has not been evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- 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, additional accessibility shall be evaluated at the end use.
- The product was not investigated to the following standards or clauses: Biocompatibility (ISO 10993-1), Clause 14, Programmable Electronic Systems, Electromagnetic Compatibility (IEC 60601-1-2).

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 ME Equipment. The 5Vsb auxiliary output is an isolated output for control and monitoring of the equipment's operation.

EN 60601-1:2006/A12:2014 Tested according to:

Production Facility(ies):

059061, 059319, 071712, 089850

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