ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 057396 0388 Rev. 01

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.: 095-72143850U-000

Valid until: 2024-05-21

Date, 2019-06-21

(Adrian Rabago Valenzuela)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

A4 / 07.17

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Model(s): **HPU1K5PSxx**
(where xx can be number 12-48 to indicate the output voltage, can be optionally followed by "-SF" for single fusing or "M" for marketing purpose.)

Brand Name: **XP**

Parameters:

Rated Input Voltage: 100-240 VAC or 180-240 VAC
Rated Frequency: 50/60 Hz
Rated Input Current: 16.5 A
Protection Class: I at end use
Temperature, Ambient: 50°C at 100% rated output
70°C at 50% rated output
Elevation for use: 0-3048 m above sea level

Approved models and Rated Outputs:

Model Number	Rated Output	
	V dc (VDC)	Current, power
HPU1K5PS12	10.1 to 13.5	100 A, 1200 W max (input range 100-240 VAC)
HPU1K5PS15	13.6 to 17	80 A, 1200 W max (input range 100-240 VAC)
HPU1K5PS18	17.1 to 21	66.7 A, 1200 W max (input range 100-240 VAC)
HPU1K5PS24	21.1 to 26	50A, 1200 W max (input range 100-240 VAC) 62.5A, 1500 W max (input range 180-240 VAC)
HPU1K5PS28	26.1 to 31	43 A, 1200 W max (input range 100-240 VAC) 53 A, 1500 W max (input range 180-240 VAC)
HPU1K5PS33	31.1 to 33	36.4 A, 1200 W max (input range 100-240 VAC) 45.5 A, 1500 W max (input range 180-240 VAC)
HPU1K5PS36	33.1 to 42	33.3 A, 1200 W max (input range 100-240 VAC) 41.7 A, 1500 W max (input range 180-240 VAC)
HPU1K5PS48	42.1 to 54	25 A, 1200 W max (input range 100-240 VAC) 31.25 A, 1500 W max (input range 180-240 VAC)

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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 following output circuits are at ES1 energy levels: All.
- The following output circuits are at PS3 energy levels: All.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts.
- Heatsinks are floating and considered live. They shall not be accessible in the end product.
- A suitable main disconnect device shall be provided in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed in Class I end product, ground bond test shall be conducted.
- Touch current test and dielectric Strength test need to be considered at end use equipment.
- For models without suffix "SF": The power supplies covered by this report have a fuse in the neutral of the primary circuit. The need for a marking to warn a service person of the hazards associated with double pole/neutral fusing shall be considered in the end product.

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

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

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