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Product Service

C E R T I F I C A T E

No. B 057396 0553 Rev. 02

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.: 7191330405-13-TR

Valid until: 2026-01-07

Date, 2024-05-27

(Kim Hock Teo)

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

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Model(s):

ECP130PSxx
Where xx can be any number from 12 to 48, may be followed by additional suffixes denoting non-safety options.

Brand Name: **XP**

Parameters:

Rated Input: 100-240 VAC
Rated Input Current: 1.5 A
Rated Input Frequency: 50/60 Hz
Elevation for use: 0-5000 m for above sea level
Protection Class: Class I or Class II at end use

Approved Models and Rated Outputs:

Model Number	Convectional Cooling			Forced Air	
	Max Output @50°C (100W Max)	Max Output @70°C (50W Max)	Max Output @80°C (30W Max)	Max Output @50°C (130W Max)	Max Output @70°C (65W Max)
ECP130PS12	100W, 8.33A	50W, 4.16A	30W, 2.50A	130W, 10.83A	65W, 5.42A
ECP130PS15	100W, 6.66A	50W, 3.33A	30W, 2.00A	130W, 8.66A	65W, 4.33A
ECP130PS18	100W, 5.55A	50W, 2.77A	30W, 1.66A	130W, 7.22A	65W, 3.61A
ECP130PS24	100W, 4.16A	50W, 2.08A	30W, 1.25A	130W, 5.41A	65W, 2.71A
ECP130PS28	100W, 3.57A	50W, 1.78A	30W, 1.07A	130W, 4.64A	65W, 2.32A
ECP130PS36	100W, 2.77A	50W, 1.38A	30W, 0.830A	130W, 3.61A	65W, 1.80A
ECP130PS48	100W, 2.08A	50W, 1.04A	30W, 0.265A	130W, 2.70A	65W, 1.35A

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Conditions of Acceptability:

- The following end-product enclosures are required : Fire, Electrical.
- Proper bonding to the end-product main protective earthing termination is required when the power supply is used in a Class I end product.
- The following input terminals/connectors must be connected to the end-product supply neutral CN1
- The investigated Pollution Degree is: 2
- The following output circuits are at PS3 energy levels: All DC Outputs
- The following output circuits are at ES1 energy levels: All DC Outputs
- Prospective Touch Current and Dielectric strength test to be conducted in the end-product evaluation.
- Safeguards against capacitor discharge after disconnection of a connector (clause 5.5.2.2) shall be evaluated in the end-product.
- The equipment is provided with a fuse in both the Line and Neutral of the primary circuit, unless provided with suffix "SF" to indicate only one fuse provided in the Line. Cautionary markings for service persons to be considered in the end-product.
- The power supply will be considered Class II only when protection against electric shock does not rely on Basic Insulation and provided with sufficient spacings between primary parts of the power supply to secondary or accessible parts in the end product. Class II units have no reliance upon protective earthing and shall not be marked as such.
- The unit has two cooling condition: 1) External Forced Air Cooling: 10CFM air flow, 1 inch distance from Fan to input side of the unit with inward air-flow direction; 2) Convection cooling. The maximum continuous power supply output (Watts) relies on forced air cooling.
- Ambient temperature: 50°C for 100% of Output Rating;, 70°C for 50% of Output Rating;, 80°C at 30% of Output Rating. For Model ECP130PS48 - Alternate for maximum ambient 35°C operation: 48V Output, 1.25A for convection cool.

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

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