



Product Service

CERTIFICATE

No. B 057396 0413 Rev. 03

Holder of Certificate: **XP Power LLC.**

340 Commerce, Suite 100
Irvine CA 92602
USA

Certification Mark:



Product: **Switching power supply unit**

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.: 7191338350-04-TR

Valid until: 2026-01-07

Date, 2024-09-09

(Kim Hock Teo)

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Model(s):

ECP60Uxyy

Where x is S, D, or T, for Single, Double, or Triple output respectively, and yy can be any number from 0 - 9, indicating designated output voltage.

Brand Name:

XP

**Parameters:**

Rated Input Voltage: 100-240 VAC

Rated Input Current: 1.2 A

Rated Input Frequency: 50/60 Hz

Protection Class: Class I or Class II at end use

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

70°C with 50% rated output

Elevation for use 0-3048 m above sea level

The product is a component AC-DC power supply for building-in, open frame type.
The power supplies consist of 1, 2, or 3 outputs depending upon model.

Output rating:

Model Number	OUTPUT RATING		
	Output 1 (VDC/A)	Output 2 (VDC/A)	Output 3 (VDC/A)
ECP60US05	5 VDC / 11 A	—	—
ECP60UD01	5 VDC / 7 A	12 VDC / 3 A	—
ECP60UD02	5 VDC / 7 A	15 VDC / 2 A	—
ECP60UD03	5 VDC / 7 A	24 VDC / 1.5 A	—
ECP60UT01	5 VDC / 7 A	12 VDC / 3 A	-12 VDC / 0.3 A
ECP60UT02	5 VDC / 7 A	15 VDC / 2 A	-15 VDC / 0.3 A
ECP60UT03	5 VDC / 7 A	24 VDC / 1.5 A	12 VDC / 0.3 A
ECP60UT04	5 VDC / 7 A	24 VDC / 1.5 A	-12 VDC / 0.3 A
"—" indicates no such output exist for respective models			

Model Differences:

Models are identical except for number of outputs, output ratings, transformer secondary windings, secondary components, and model designation.

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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:

- The following output circuits are at ES1 energy levels: All Outputs
- The following output circuits are at PS3 energy levels: All Outputs
- The maximum investigated branch circuit rating is: 20 A
- The investigated Pollution Degree is: 2
- Proper bonding to the end-product main protective earthing termination is: Required (Class I)
- The following input terminals/connectors must be connected to the end-product supply neutral: AC N
- The following end-product enclosures are required: Mechanical, Fire, Electrical
- The power supply was evaluated to be used at altitudes up to: 3048 m
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides the minimum required Clearance between the primary side of power supply and protectively earthed accessible conductive parts.
- When installed in a Class II end product, the power supply shall be mounted on insulating posts in a manner that provides the minimum required Clearance between the power supply and any accessible conductive parts.
- A suitable main disconnect device shall be provided in the end product.
- The power supplies covered by this report have a fuse in the neutral of the primary circuit. A warning for service persons to be considered in the end product.

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