



Product Service

CERTIFICATE

No. B 057396 0436 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.: 7191338350-03-TR

Valid until: 2026-01-07

Date, 2024-09-09

(Kim Hock Teo)

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Model(s):

ECE05USxx

(where xx can be number 03 to 48 to indicate main output voltage, may be optionally followed with suffix "-P" for open frame type.)

Brand Name:

XP

**Parameters:**

Rated Input Voltage: 100-240 VAC

Rated Frequency: 50-60 Hz

Rated Input Current: 0.2 A

Protection Class: Class I or Class II at end use

Temperature, Ambient: 50°C at 100% rated output, 70°C at 50% rated output

Elevation for use: 0-5000 m above sea level

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Max Power (W)
ECE05US03	3.3	1.51	5
ECE05US05	5	1	5
ECE05US09	9	0.55	5
ECE05US12	12	0.41	5
ECE05US15	15	0.33	5
ECE05US24	24	0.21	5
ECE05US48	48	0.1	5
Note: Model number can be optionally followed with suffix "-P" for open frame type			

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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 product is intended for use on the following power systems: TN.
- 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 at end product.
- The following input terminals/connectors must be connected to the end-product supply neutral: ACN.
- 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.
- When installed in a Class I end product, the power supply shall be mounted in a manner that provides the minimum required creepage and 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 creepage and clearance between the power supply and any accessible conductive parts.

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