



Product Service

CERTIFICATE

No. B 057396 0406 Rev. 02

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.: 7191333334-05-TR

Valid until: 2026-01-07

Date, 2024-07-29

(Kim Hock Teo)

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Model(s):

ECE60USxx

(where xx can be number between 03 to 48 designating the output voltage, may also be provided with suffix "S" and/or "D", "-" provided optionally)

Brand Name:

XP



Parameters:

- Rated Input Voltage: 100-240 VAC
- Rated Frequency: 50-60 Hz
- Rated Input Current: 1.4 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)	Current (A)	Output power (W)
ECE60US03	3.3	10	33
ECE60US05	5	10	50
ECE60US09	9	6.67	60
ECE60US12	12	5	60
ECE60US15	15	4	60
ECE60US24	24	2.5	60
ECE60US36	36	1.67	60
ECE60US48	48	1.25	60

Additional Suffix "S" denotes units provided with Screw Terminals.
 Additional Suffix "D" denotes units provided with DIN Rail mounting Clip.

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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.
- The following circuit locations (with circuit/schematic designation) were investigated as a limited power source (LPS) : Outputs of models ECE60US03 to ECE60US36.
- 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.

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