



Product Service

CERTIFICATE

No. B 057396 0452 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.: 7191333334-03-TR

Valid until: 2026-01-07

Date, 2024-07-29

(Kim Hock Teo)

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Model(s):

ECE10USxx

(where xx can be number 03 to 48 to indicate the 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: 0.4 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: 0-3048 m

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
ECE10US03	3.3	2.6
ECE10US05	5	2
ECE10US09	9	1.11
ECE10US12	12	0.83
ECE10US15	15	0.66
ECE10US24	24	0.41
ECE10US48	48	0.21

Note: Model number can be followed with suffix "-P" for open frame type. All models without suffix "-P" are housed in plastic enclosure and potted with epoxy.



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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 Model ECE10US05 is installed in the end product, the maximum temperature at the center position on top of the case (plastic enclosure) should not exceed 100°C for 10W max.

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