



Product Service

CERTIFICATE

No. B 057396 0352 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.: 7191329786-08-TR

Valid until: 2026-01-07

Date, 2024-06-07

(Kim Hock Teo)

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Model(s):

ECS60USxx

(where xx can be number 05 to 48 to indicate the main output voltage, may be also followed by suffix "SF" for single fuse and/or "-C" for cover and chassis and/or "B" for level B radiated EMI filter.)

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: 0-5000 m above sea level

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Max Power (W)
ECS60US05	4.1-6	8.0	40
ECS60US12	10.1-13.5	5.0	60
ECS60US15	13.6-17	4.0	60
ECS60US18	17.1-21	3.33	60
ECS60US24	21.1-26	2.50	60
ECS60US28	26.1-31	2.14	60
ECS60US33	31.1-33	1.82	60
ECS60US36	33.1-42	1.7	60
ECS65US48	42.1-54	1.25	60

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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 following output circuits are at ES1 energy levels: All.
- The following output circuits are at PS3 energy levels: All.
- When installed in end product, the clearance and creepage distance between the hazardous voltage parts and accessible parts shall meet the standard(s) requirements, dielectric strength test, touch current test and ground bond test (for Class I end product) shall be conducted at end product.
- Heatsinks are floating and considered live. They shall not be accessible in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed in Class I end product.
- The power supplies have a fuse in the neutral of the primary circuit. The need for a marking to warn a service person of the hazards associated with double pole/neutral fusing shall be considered in the end product

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