



Product Service

CERTIFICATE

No. B 057396 0383 Rev. 03

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.: 095-72143850K-100

Valid until: 2026-01-07

Date, 2024-07-10

(Kim Hock Teo)

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Model(s):

FCM400PSxx

(where xx can be number 12 to 48 to indicate the main output voltage, can be provided with additional suffix "SF" for single pole fusing and/or "S" for screw input terminal)

Brand Name:

XP



Parameters:

Rated Input Voltage: 100-240 VAC

Rated Input Current: 5 A

Rated input frequency: 50/60 Hz

Protection Class: I at end use.

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

70°C with 50% rated output power

Elevation for use: 0-3048m above sea level

Approved models and output ratings:

Model Number	MAIN OUTPUT RATING			Standby Output Rating	
	Voltage (VDC)	Maximum Current (A)	Maximum Output Power (W)	Voltage (VDC)	Current (A)
FCM400PS12	12	33.3	400	5	0.5
FCM400PS15	15	26.6	400	5	0.5
FCM400PS24	24	16.6	400	5	0.5
FCM400PS28	28	14.2	400	5	0.5
FCM400PS36	36	11.1	400	5	0.5
FCM400PS48	48	8.3	400	5	0.5

Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

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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
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- A suitable main disconnect device shall be provided at the end product.
- Proper bonding to the end-product main protective earthing terminal is required at end product, sufficient clearance and creepage distance shall be provided between the primary circuit and accessible metal parts.
- Ground bond test, touch current test and dielectric Strength test need to be considered at end use equipment.
- The power supplies may 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