



America

# CERTIFICATE

No. B 14 12 57396 291

Holder of Certificate: **XP Power LLC.**



1241 East Dyer Road, Suite 150  
Santa Ana CA 92705  
USA

Production  
Facility(ies):

59319, 71712

Certification Mark:



Product:

Power supply  
(Power Supply)

Model(s):

FCM400PSxx  
(where xx can be number 12 to 48 to indicate the main output voltage, may be also followed by suffix "SF" for single fuse option).

Parameters:

Rated Input Voltage:	100-240 V AC,
Rated Input Current:	5 A
Rated input Frequency:	50/60 Hz
Rated Output Ratings:	See attachment for output ratings and conditions of acceptability.
Protection Class:	I at end use
Temperature, Ambient:	50°C with maximum output power, 70°C with half maximum output power
Elevation for Use:	0 - 3000 m
	See attachment for further information

Tested according to: EN 60601-1/A1:2013

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. See also notes overleaf.

Test report no.: SI1409800-103

Valid until: 2019-12-10

Date, 2014-12-15

*John*

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# ATTACHMENT TO CERTIFICATE NO. B 14 12 57396 291 FOR XP POWER LLC

## POWER SUPPLY

### Approved models and output ratings:

Model Number	Main Output Voltage (Vdc)	Main Output Ratings				Standby Output Rating (V2)	
		50°C Ambient		70°C Ambient		voltage (VDC)	current (A)
		Max Output Current (A)	Max Output Power (W)	Max Output Current (A)	Max Output Power (W)		
FCM400PS12	10.1 to 13.5	33.3	400	16.6	200	5	0.5
FCM400PS15	13.6 to 17	26.6	400	13.3	200	5	0.5
FCM400PS18	17.1 to 21	22.2	400	11.1	200	5	0.5
FCM400PS24	21.1 to 26	16.6	400	8.3	200	5	0.5
FCM400PS28	26.1 to 31	14.2	400	7.1	200	5	0.5
FCM400PS33	31.1 to 33	12.1	400	6.1	200	5	0.5
FCM400PS36	33.1 to 42	11.1	400	5.55	200	5	0.5
FCM400PS48	42.1 to 54	8.3	400	4.15	200	5	0.5

### 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.
- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP primary and Earth.
- This power supply has been evaluated as a continuous operation, ordinary equipment and has not been evaluated for use in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide. The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The available voltage for the secondary outputs does not exceed 25 Vac or 60 Vdc, under normal and single fault conditions.
- The input/output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use equipment.
- Repeat of leakage current testing, including applicability of Clause 8.7.3e, shall be considered in the end product application.
- Proper bonding to the end-product main protective earthing termination is required.
- The end product shall ensure the requirements related to accompanying documents, clause 7.9.
- The product was not investigated to the following standards or clauses: Biocompatibility (ISO 10993-1), Clause 14, Programmable Electronic Systems, Electromagnetic Compatibility (IEC 60601-1-2).

Rpt. Ref. No.: SI1409800-103

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