



America

# CERTIFICATE

No. B 14 12 57396 308

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



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

Production  
Facility(ies):

71712

Certification Mark:



Product:

**Power supply  
(AC / DC Power Supply)**

Model(s):

**CCM250PS12-XB0352, CCM250PSxxyy**  
(where xx can be any number between 12 to 48 designating the output voltage and where yy can be SF to indicate single pole fusing or blank.)

Parameters:

Rated Input:	100-240 VAC, 50/60 Hz (all models) 133-337 VDC (CCM250PS12-XB0352, DC option)
Rated Input Current:	3.2 A
Rated output:	See attachment
Protection Class:	Class I at end use
Temperature, Ambient:	50° C with max output power 70° C with half max 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.:** SI1409800-115

**Valid until:** 2019-12-10

**Date,** 2014-12-15

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## ATTACHMENT TO CERTIFICATE NO. B 14 12 57396 308 FOR XP POWER

### POWER SUPPLY

#### Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Output Voltage (VDC)	Maximum Current (A)	Maximum output Power (W)
CCM250PS12	10.1 to 13.5	20.8	250
CCM250PS15	13.6 to 17	16.7	250
CCM250PS18	17.1 to 21	13.9	250
CCM250PS24	21.1 to 26	10.4	250
CCM250PS28	26.1 to 31	8.9	250
CCM250PS33	31.1 to 33	7.6	250
CCM250PS36	33.1 to 42	6.9	250
CCM250PS48	42.1 to 54	6.2	250

Model CCM250PS12-XB0352 is the same as Model CCM250PS12 except for the rating: Input Rated: 100-240 V~, 50/60 Hz, 3.2A, or 133-337 VDC, 3.2A max and output rated 12 Vdc, 20.8A; V Standby: 5Vdc, 0.5A

#### 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 and consideration of non-frequency weighted leakage to be considered as part of the end product.
- Proper bonding to the end-product main protective earthing terminal is required.
- Units provided with additional suffix "SF", provided with only one fuse. The need for additional fusing shall be determined as part of the end product.
- Model CCM250PS12-XB0352: Suitable dc rated input fuse shall be provided in the end product and consideration shall be given to repeating the component fault testing in the end product with the dc input fuse.
- 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.: SI1409800-115

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