



Product Service

CERTIFICATE

No. B 057396 0210 Rev. 04

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.: 7191330405-05-TR

Valid until: 2026-01-07

Date, 2024-06-27

(Kim Hock Teo)

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Model(s):

CCB250PSxx

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

Brand Name: **XP**

Parameters:

Rated Input Voltage: 100-240 VAC

Rated Frequency: 50/60 Hz

Rated Input Current: 3.2 A

Protection Class: Class I at end use

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

70°C with 50% rated output

Elevation for use: 0-3048 m above sea level

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Maximum Power (W)
CCB250PS12	12	20.8	250
CCB250PS15	15	16.7	250
CCB250PS24	24	10.4	250
CCB250PS28	28	8.9	250
CCB250PS36	36	6.9	250
CCB250PS48	48	5.2	250
Stand-by output for all models: 5Vdc/0.5A.			

Additional suffix "SF" provided for units provided with only one fuse in the line and no fuse in the neutral.

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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 mechanical, electrical, and fire enclosure shall be provided in the end use equipment.
- The product is intended for use on the following power systems: TN
- The end-product Electric Strength Test is to be based upon a maximum working voltage of: 242 Vrms, 344 Vpk, Primary-SELV: 322 Vrms, 670 Vpk
- The following output circuits are at ES1 energy levels: All
- The following output circuits are at PS3 energy levels: All
- Proper bonding to the end-product main protective earthing terminal is required at end product.
- The following product-line tests are conducted for this product : Earthing Continuity
Electric Strength
- Primary side heat sinks are floating and considered live, they shall not be accessible in the end-product.
- When installed in end product, the clearance and creepage distance between the hazardous voltage parts and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test shall be conducted at end product.
- The power supplies may have a fuse in the neutral of the primary circuit. A warning for service persons shall be considered in the end product.

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