



Product Service

CERTIFICATE

No. B 057396 0394 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.: 7191338350-02-TR

Valid until: 2026-01-07

Date, 2024-09-09

(Kim Hock Teo)

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Model(s):

CCB200PSxx

(where xx can be number between 12 to 56 for output voltage; may be optionally followed by “-SF” for single fuse option, may also be provided with optional suffix “-C”, “-S”, “-L”, or “-A”. All “-” are optional)

Brand Name:

XP



Parameters:

Rated Input Voltage: 100-240 VAC

Rated Input Current: 2.4 A

Rated input frequency: 50/60 Hz

Protection Class: Class I or Class II at end use

Elevation for use: 0-5000 m above sea level

Approved models and Rated Outputs at 70°C:

Model Number	OUTPUT		
	Voltage (V)	Max Current (A)	Max Power
CCB200PS12	10.1-13.5	16.7	200
CCB200PS15	13.6-17	13.3	200
CCB200PS18	17.1-21	11.1	200
CCB200PS24	21.1-26	8.3	200
CCB200PS28	26.1-31	7.1	200
CCB200PS33	31.1-33	6.1	200
CCB200PS36	33.1-42	5.6	200
CCB200PS48	42.1-54	4.2	200
CCB200PS56	54.1-56	3.6	200

Suffix:

-C: model provided with cover,

-S: model provided with screw terminal block.

-L: model provided with input leads

-A: model provided with 5V Stand-by output rated 5Vdc, 0.5 A

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Output Power under different temperature ratings and configurations:

Model Number	Convictional Cooling without Cover			Convictional Cooling with Cover		
	Max output @50°C, with -A option	Max output @70°C	Max output @85°C	Max output @50°C, with -A option	Max output @70°C	Max output @85°C
CCB200PS12	203W, 15.7A, 0.5A	200W, 16.7A	100W, 8.3A	183W, 15A, 0.5A	160W, 13.3A	100W, 8.3A
CCB200PS15	203W, 12.7A, 0.5A	200W, 13.3A	100W, 6.7A	182W, 11.95A, 0.5A	160W, 10.7A	100W, 6.7A
CCB200PS18	203W, 11.1A, 0.5A	200W, 11.1A	100W, 5.6A	182W, 9.95A, 0.5A	160W, 8.9A	100W, 5.6A
CCB200PS24	203W, 8.3A, 0.5A	200W, 8.3A	100W, 4.2A	182W, 7.5A, 0.5A	160W, 6.67A	100W, 4.2A
CCB200PS28	203W, 7.1A, 0.5A	200W, 7.1A	100W, 3.6A	182W, 6.4A, 0.5A	160W, 5.7A	100W, 3.6A
CCB200PS33	203W, 6.1A, 0.5A	200W, 6.1A	100W, 3.0A	182W, 5.43A, 0.5A	160W, 4.8A	100W, 3.0A
CCB200PS36	203W, 5.6A, 0.5A	200W, 5.6A	100W, 2.8A	182W, 4.97A, 0.5A	160W, 4.4A	100W, 2.8A
CCB200PS48	203W, 4.2A, 0.5A	200W, 4.2A	100W, 2.1A	182W, 3.7A, 0.5A	150W, 3.1A	100W, 2.1A
CCB200PS56	203W, 3.6A, 0.5A	200W, 3.6A	100W, 1.79A	182W, 3.2A, 0.5A	150W, 2.68A	100W, 1.79A

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 product is intended for use on the following power systems: TN.
- The following output circuits are at ES1 energy levels: all except model CCB200PS56 output.
- The following output circuits are at ES2 energy levels: model CCB200PS56 output with various configurations.
- The following output circuits are at PS3 energy levels: All.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts.
- The following input terminals/connectors must be connected to the end-product supply neutral: input connector (CON1) N terminal.
- 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, ground bond test shall be conducted.
- Touch current test and dielectric Strength test need to be considered at end use equipment.
- The power supplies have a fuse in the neutral of the primary circuit. A warning for service persons to be considered in the end product.

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