



Product Service

# CERTIFICATE

No. B 057396 0287 Rev. 02

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

15641 Red Hill Avenue, Suite 100  
Tustin CA 92780  
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 and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 095-72141141104-100

**Valid until:** 2024-10-08

**Date,** 2023-09-04

( Antony Young-Taylor )

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## Model(s):

CCB250PSxx

(where xx can be number 12 to 48 to indicate the main output voltage, may be followed by suffix "SF" with or without "-" for single fuse)

## Brand Name:

XP

## Parameters:

Rated Input Voltage: 100-240 V AC,

Rated Input Current: 3.2 A

Rated Input Frequency: 50/60 Hz

Protection Class: Class I or Class II at end use

Temperature, Ambient: 50°C with maximum output power,

70°C with half maximum output power

Elevation for use: 0-3000 m above sea level

## Approved models and Rated Outputs:

| Model Number | Main Output Rating (V1) |                         |                       | Standby Output Rating (V2) |             |
|--------------|-------------------------|-------------------------|-----------------------|----------------------------|-------------|
|              | Output Voltage (VDC)    | Max. Output Current (A) | Max. Output Power (W) | Voltage (VDC)              | Current (A) |
| CCB250PS12   | 10.1 to 13.5            | 20.8                    | 250                   | 5                          | 0.5         |
| CCB250PS15   | 13.6 to 17              | 16.7                    | 250                   | 5                          | 0.5         |
| CCB250PS18   | 17.1 to 21              | 13.9                    | 250                   | 5                          | 0.5         |
| CCB250PS24   | 21.1 to 26              | 10.4                    | 250                   | 5                          | 0.5         |
| CCB250PS28   | 26.1 to 31              | 8.9                     | 250                   | 5                          | 0.5         |
| CCB250PS33   | 31.1 to 33              | 7.6                     | 250                   | 5                          | 0.5         |
| CCB250PS36   | 33.1 to 42              | 6.9                     | 250                   | 5                          | 0.5         |
| CCB250PS48   | 42.1 to 54              | 5.2                     | 250                   | 5                          | 0.5         |

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## Conditions of Acceptability:

- Suitable Fire/Mechanical/Electrical enclosure shall be provided as part of the end product.
- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP primary and Earth.
- Unit is provided with One MOPP for 250 Vrms between secondary and ground/floating mounting holes, for consideration in BF applications as part of the end product.
- 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 component shall be considered for compliance with the Marking (clause 7) and Separation (clause 8) requirements as part of the end use application evaluation.
- Repeat of leakage current testing and consideration of non-frequency weighted leakage to be considered as part of the end product.
- The output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use equipment.
- 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).

**Tested according to:** EN 60601-1:2006/A12:2014