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Product Service

# C E R T I F I C A T E

**No. B 057396 0950 Rev. 00**

**Holder of Certificate:** **XP Power LLC.**
340 Commerce, Suite 100
Irvine CA 92602
USA

**Certification Mark:**

**Product:** **Power supply**

**(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.:** 095-72198477A-000

**Valid until:** 2029-03-27

**Date,** 2024-04-11

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Product Service

# C E R T I F I C A T E

**No. B 057396 0950 Rev. 00**

**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)**

**Brand Name:** **XP**

**Parameters:**

| | |
|---|---|
| Rated Input Voltage: | 100-240 VAC, |
| Rated Input Current: | 5 A |
| Rated input Frequency: | 50/60 Hz |
| Rated Output Ratings: | See below for output ratings and conditions of acceptability. |
| Protection Class: | I, end use |
| Temperature, Ambient: | 50°C with maximum output power,<br>70°C with half maximum output power |
| Elevation for Use: | 0 - 3000 m |

See below for further information.

**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 | 12 | 33.3 | 400 | 16.6 | 200 | 5 | 0.5 |
| FCM400PS15 | 15 | 26.6 | 400 | 13.3 | 200 | 5 | 0.5 |
| FCM400PS24 | 24 | 16.6 | 400 | 8.3 | 200 | 5 | 0.5 |
| FCM400PS28 | 28 | 14.2 | 400 | 7.1 | 200 | 5 | 0.5 |
| FCM400PS36 | 36 | 11.1 | 400 | 5.55 | 200 | 5 | 0.5 |
| FCM400PS48 | 48 | 8.3 | 400 | 4.15 | 200 | 5 | 0.5 |


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# CERTIFICATE

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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 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 power supply shall be mounted in a manner that provides sufficient Clearance and creepage between the primary side of power supply and protectively earthed accessible conductive parts.
- The need for marking durability testing shall be considered as part of the end-use product.
- The end product shall ensure the requirements related to accompanying documents, clause 7.9.
- Units provided with suffix "SF" are provided with only one line side fuse. The need for additional fusing shall be considered as part of the end-product.
- 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/A2:2021


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