



Product Service

# CERTIFICATE

No. B 057396 0381 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 7191329786-10-TR

**Valid until:** 2026-01-07

**Date,** 2024-06-07

( Kim Hock Teo )

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Model(s):

**MFA420PSxx, MFA350PSxx Series**

(where xx can be number 12, 24 or 48 to indicate main output voltage; can be optionally followed by -H, -S, -EF or -TF for different input connector or cooling fan configurations)

Brand Name: **XP**

**Parameters:**

Rated Input Voltage: 100-240 V AC

Rated Input Current: 5.5 A (MFA420PSxx)

4.7 A (MFA350PSxx)

Rated input frequency: 50/60 Hz

Protection 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        |             |
|--------------|---------------|-------------|
|              | Voltage (Vdc) | Current (A) |
| MFA350PS12   | 12            | 29          |
| MFA350PS24   | 24            | 14.5        |
| MFA350PS48   | 48            | 7.3         |
| MFA420PS12   | 12            | 35          |
| MFA420PS24   | 24            | 17.5        |
| MFA420PS48   | 48            | 8.8         |

All models are provided with a Fan Output (12Vdc, 1A) and a Standby Output (5Vdc, 0.5A).

**Suffix:**

-H: Provided with a hot swappable output connector and an input appliance inlet.

-S: Provided with screw terminal input connector.

-EF: Provided with a cover with an End Fan.

-TF: Provided with a cover with a Top Fan.

Blank: Basic construction model with no special configuration.

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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.
- The following output circuits are at ES1 energy levels: All.
- The following output circuits are at PS3 energy levels: All.
- The following input terminals/connectors must be connected to the end-product supply neutral : AC N.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts.
- Heatsinks are floating and considered live. They shall not be accessible in the end product.
- A suitable main disconnect device shall be provided in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed in end product, ground bond test shall be conducted.
- Touch current test and dielectric Strength test need to be considered at end use equipment.

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