



Product Service

CERTIFICATE

No. B 057396 0921 Rev. 00

Holder of Certificate: **XP Power LLC.**
15641 Red Hill Avenue, Suite 100
Tustin CA 92780
USA

Certification Mark:



Product: **Switching power supply unit
(DC-DC Converter)**

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

Test report no.: 7191320617/02-TR

Valid until: 2024-10-08

Date, 2023-11-20

(Yager Bi)

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Model(s): JHM20xyzz (xx is 12 or 24 or 48 representing input voltage; y is S or D representing single or dual output type; ZZ is 05, 12 or 15 representing output voltage)

Brand Name: XP Power

Parameters:

Model No.	Input Rating(s)	Output Rating(s)
JHM2012S05	9-18Vdc; 3.5A	5Vdc; 4A
JHM2012S12	9-18Vdc; 3.5A	12Vdc; 1.67A
JHM2012S15	9-18Vdc; 3.5A	15Vdc; 1.333A
JHM2012D05	9-18Vdc; 3.5A	±5Vdc; ±2A
JHM2012D12	9-18Vdc; 3.5A	±12Vdc; ±0.833A
JHM2012D15	9-18Vdc; 3.5A	±15Vdc; ±0.667A
JHM2024S05	18-36Vdc; 1.75A	5Vdc; 4A
JHM2024S12	18-36Vdc; 1.75A	12Vdc; 1.67A
JHM2024S15	18-36Vdc; 1.75A	15Vdc; 1.333A
JHM2024D05	18-36Vdc; 1.75A	±5Vdc; ±2A
JHM2024D12	18-36Vdc; 1.75A	±12Vdc; ±0.833A
JHM2024D15	18-36Vdc; 1.75A	±15Vdc; ±0.667A
JHM2048S05	36-75Vdc; 0.85A	5Vdc; 4A
JHM2048S12	36-75Vdc; 0.85A	12Vdc; 1.67A
JHM2048S15	36-75Vdc; 0.85A	15Vdc; 1.333A
JHM2048D05	36-75Vdc; 0.85A	±5Vdc; ±2A
JHM2048D12	36-75Vdc; 0.85A	±12Vdc; ±0.833A
JHM2048D15	36-75Vdc; 0.85A	±15Vdc; ±0.667A

Conditions of Acceptability:

- The output was not evaluated as patient connected circuits.
- Compliance with the requirements for EMC shall be evaluated for the end use product.
- These products have been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
- The leakage current test shall be checked in end product.
- Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.
- When the product is placed on the market, it must be accompanied with safety instructions written in official language of the country. The instructions shall give information regarding safe operation, installation and maintenance.
- According to the EU directives which have been aligned with EU NLF (new legislative framework), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.
- The manufacturer/ Importer has to ensure the appliance placing on the EU market conforms to the applicable EU directives which provide the affixing of the CE marking, such as LVD,



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EMC, RoHS, ErP and so on.

- i) When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- j) See also Engineering Conditions of Acceptability in CSA CB Report No.: CB 269692-70191158.

Tested according to: EN 60601-1:2006/A1:2013
EN 60601-1:2006/A12:2014