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Product Service

CERTIFICATE

No. B 057396 0517 Rev. 00

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. See also notes overleaf.

Test report no.: 095-72119131-100

Valid until: 2023-08-10

Date, 2018-08-24

(Ping He)

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TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): AHM150PSxxyy-zz Series
(where xx is any number from 12-48 designating output voltage, yy can be blank or "C2", -zz can be "-A", "-6", "-6A", "-8A", or blank)

Brand Name: XP

Parameters:

Rated Input Voltage: 100-240 VAC
Rated Frequency: 50/60 Hz
Rated Input Current: 1.8 A
Protection Class: Class I or Class II at end product
Temperature, Ambient: 40°C with 100% rated output power
60°C with 60% rated output power

General Product information:

Models covered in this report are open frame power supplies intended to be used in Medical Electrical Equipment. Units are intended for building in Class I or Class II end-products.

Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Maximum Current (A)
AHM150PS12, AHM150PS12C2	10.1-13.5	12.5
AHM150PS15, AHM150PS15C2	13.6-17.0	10.0
AHM150PS19, AHM150PS19C2	17.1-21.0	7.89
AHM150PS24, AHM150PS24C2	21.1-26.0	6.25
AHM150PS28, AHM150PS28C2	26.1-31.0	5.36
AHM150PS33, AHM150PS33C2	31.1-33.0	4.55
AHM150PS36, AHM150PS36C2	33.1-42.0	4.17
AHM150PS48, AHM150PS48C2	42.1-54.0	3.13
Models with "C2" have a Class II construction.		

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Model number can be followed with suffix as below:

Blank: C14 style input connector (Class I construction)
"-A": C14 style input connector with optional IEC cable retention
"-6": C6 style input connector (Class I construction)
"-6A": C6 style input connector with optional IEC cable retention
"-8": C8 style input connector (Class I construction)
"-8A": C8 style input connector with optional IEC cable retention

Conditions of Acceptability:

- This power supply was evaluated with Two MOPP between Primary and Secondary; One MOPP primary and Earth/Secondary Reference Conductor; and One MOPP between Secondary and Earth/Secondary Reference Conductor.
- 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 component shall be provided in compliance with the Marking (clause 7) and Separation (clause 8) requirements of the end use application.
- Scope of Power Supply evaluation defers the following clauses to the be determined as part of the end product: Clause 7.5 (Safety Signs), Clause 7.9 (Accompanying Documents), Clause 9 (ME Hazard), Clause 10 (Radiation), Clause 14 (PEMS), Clause 16 (ME Systems)
- Repeating leakage current testing should be considered in the end product application.
- The available voltage for the secondary outputs does not exceed 25 Vac or 60 Vdc, under normal and single fault conditions.
- The output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use machine.
- The need for Marking Durability and Marking Legibility Testing to be considered as part of the end product installation.
- Power cord suitable for the application to be provided as part of the end product evaluation.
- 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

Production Facility(ies): 059061, 059319, 071712, 089850

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