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CERTIFICATE

No. B 14 12 57396 295

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

1241 East Dyer Road, Suite 150
Santa Ana CA 92705
USA

Production Facility(ies): 59319, 71712

Certification Mark:

Product: **Power supply (Power Supply)**

Model(s): **AHM180PSxxyy-zz**
(where xx is number between 12-48 indicating output voltage, where yy can be "C2" or blank and –zz can be "-A" or "-6" or "-6A" or "-8" or "-8A" or blank for different input connector type and optional cable retention)

Parameters:

Rated Input Voltage:	100-240 V AC,
Rated Frequency:	50/60 Hz
Rated Input Current:	2.2 A
Rated Output Voltage:	See attachment
Protection Class:	Can be installed in Class I or Class II end product.
Temperature, Ambient:	40°C with maximum output power, 60°C with 60% maximum output power
Elevation for Use:	0 - 3000 m

See attachment for further information.

Tested according to: EN 60601-1/A1:2013

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.: SI1409800-126

Valid until: 2019-12-04

Date, 2014-12-10

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SWITCHING BRICK POWER SUPPLY

General Product information:

Models covered in this report are external power supplies intended to be used with Class I or II Medical Electrical Equipment.

Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Max Current (A)	Max output power (W)
AHM180PS12, AHM180PS12C2	10.1-13.5	13.75	180
AHM180PS15, AHM180PS15C2	13.6-17.0	12.0	180
AHM180PS19, AHM180PS19C2	17.1-21.0	9.47	180
AHM180PS24, AHM180PS24C2	21.1-26.0	7.5	180
AHM180PS28, AHM180PS28C2	26.1-31.0	6.43	180
AHM180PS33, AHM180PS33C2	31.1-33.0	5.45	180
AHM180PS36, AHM180PS36C2	33.1-42.0	5.0	180
AHM180PS48, AHM180PS48C2	42.1-54.0	3.75	180

Suffix:

yy identifier which can be blank or "C2". Units designated "C2" have a Class II configuration.
-zz identifier which can be "-A", "-6", "-6A", "-8", "-8A", or blank to designate the type of input connector:

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

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.
- 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.

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- 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).