



Product Service

# CERTIFICATE

No. B 057396 0297 Rev. 02

**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. 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 095-72141141103-100

**Valid until:** 2024-10-08

**Date,** 2023-09-04

( Antony Young-Taylor )

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## Model(s):

AHM85PSxxyy-zz

(where xx is number between 12-24 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)

## Brand Name:

XP

## Parameters:

Rated Input Voltage: 100-240 V AC

Rated Frequency: 50/60 Hz

Rated Input Current: 1.0 A

Protection Class: I or II

Temperature, Ambient: 40°C with maximum output power,  
60°C with 60% maximum output power

Elevation for Use: 0 - 3000 m

## General Product information:

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

## Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC )	Max Current (A)	Max output power (W)
AHM85PS12, AHM85PS12C2	10.1-13.5	7.08	85
AHM85PS15, AHM85PS15C2	13.6-17.0	5.67	85
AHM85PS19, AHM85PS19C2	17.1-21.0	4.47	85
AHM85PS24, AHM85PS24C2	21.1-26.0	3.54	85

## 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) or C 18 style input connector (for Class II construction)

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## 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.
- The end product shall ensure that the requirements related to accompanying documents, clause 7.9, are met.
- 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