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Product Service

C E R T I F I C A T E

No. B 057396 0630 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. 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.: 095-72120459-100

Valid until: 2025-10-13

Date, 2020-10-27

(Ping He)

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Model(s): ALM65USxxyy-zzv

(where xx is any number between 12-48 designating output voltage and yy can be blank or "C2" designating Class II configuration, and -zz can be blank or "-A", "-6", "-6A", "-8", "-8A" designating AC inlet type, and v can be any alphanumeric or blank designating casing color)

Brand Name: **XP**

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Input Current:	1.4 A
Rate Frequency:	50/60 Hz
Rated Output:	See below for output ratings and conditions of acceptability
Protection Class;	Class I or II end use (See below for more information)
Ambient Temperature:	40°C with 100% rated output, 60°C with 60% rated output.
Elevation for Use:	0 – 5000 m See below for further information

Approved models and rated output:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Max. output Power (W)
ALM65US12	12 (10.1-13.5)	5.4	65
ALM65US15	15 (13.5-17.0)	4.3	65
ALM65US19	19 (17.1-21.0)	3.4	65
ALM65US24	24 (21.0-26.0)	2.7	65
ALM65US48	48 (42.1-54.0)	1.35	65
Output voltage rating indicated in '( )' represents voltage tolerance range.			

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Models may have an additional yy identifier which can be blank or "C2" to designate a Class II configuration.

Models may have an additional zz identifier which can be black or "A", "6", "6A", "8", "8A" to designate the type of input connector:
Blank designates a C14 input connector (Class I construction) or C18 input connector (Class II construction);
"-A" designates a C14 input connector with optional IEC cable retention (Class I construction);
"-6" designates a C6 input connector (Class I construction);
"-6A" designates a C6 input connector with optional IEC cable retention (Class I construction);
"-8" designates a C8 input connector (Class II construction);
"-8A" designates a C8 input connector with optional IEC cable retention (Class II construction).

Conditions of Acceptability:

When installed in an end-product, consideration must be given to the following:

The power supply shall be installed in compliance with the Marking (clause 7) and Separation (clause 8) requirements of the end use application.

- This power supply was evaluated with One MOPP between Primary to Earth/Reference, Two MOPP between Primary and Secondary.
- 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).
- Temperature, Leakage Current and Dielectric Strength testing shall be considered in the end system.
- Suitable disconnect device is to be provided in the end system.
- The output connectors are not acceptable for field connections; they are only intended for connection to mating connectors of the end-use machine.
- The end-product evaluation shall ensure that the requirements related to Accompanying Documents, Clause 7.9 are met.
- Cleaning test to be considered as part of end system evaluation.
- Power cord suitable for the application to be provided as part of the end system evaluation.
- It is anticipated that the requirements of IEC 60601-1-6 will be applied once again upon integration of power supply with the Medical Device.
- The product was not investigated to the following standards or clauses: Biocompatibility, PESS, EMC, Annex Z of EN standards for compliance with the MDD. These requirements shall be evaluated at end system.

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

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

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