America

CERTIFICATE

No. B 15 02 57396 318

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

Production Facility(ies): 61661, 77041

Certification Mark:

Product: **Power supply**

Model(s): **EML30USxx-y Series**
(where xx = 03, 05, 09, 12, 15, 24, 36 or 48; and y = P, T, E, S or SD)

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Frequency:	50/60 Hz
Rated Input Current:	0.8-0.4 A
Rated Output Ratings:	See attachment for output ratings
Elevation for use:	0-3000 m above sea level
Temperature, Ambient:	50°C with 100% load, 70°C with 50% load

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

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.: 095-72102228-000

Valid until: 2020-02-08

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Date, 2015-02-11

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POWER SUPPLY

General Product information:

The subject product is a component power supply intended to be used as part of Medical Electrical Equipment. Unit is assessed as Class II power supply providing 2MOPP between input and output (all versions), and between input and outer surface of plastic enclosure.

Output Ratings:

Model Number	Output Voltage (Vdc)	Output current (A)	Output Power (W)
EML30US03	3.3	6	20
EML30US05	5.0	6	30
EML30US09	9.0	3.33	30
EML30US12	12.0	2.5	30
EML30US15	15.0	2.0	30
EML30US24	24.0	1.25	30
EML30US36	36.0	0.83	30
EML30US48	48.0	0.62	30

Suffix:

P, T, E, S and SD define the following construction differences:
P - PCB mount;
T - Chassis mount;
E - Encapsulated;
S - Provided with screw terminals;
SD - Screw terminals with DIN clip attached.

Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

The models require:

- Suitable Fire/ Mechanical/ Electrical Enclosure to be provided as part of the end product.
- The power supply provides 2MOPP between input and output (all versions), and between input and plastic enclosure (encapsulated version).
- Leakage Current Testing, including when measured with a non-frequency-weighted device (Clause 8.7.3e), shall be considered in the end product application.
- The output circuits have not been evaluated for direct patient connection (Type B, BF or CF).
- The products were tested on a 20 A branch circuit. If used on a branch circuit greater than this, additional testing may be necessary.

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- The end product should ensure that the requirements related to accompanying documents, clause 7.9, are met.
- The input/output connectors and terminals are intended for factory wiring only.
- Power supply employs mains fuses with less than 1500A @ 250 V breaking capacity. The issue needs to be addressed in end-product RM file, and necessary evaluation conducted during end-use product certification.
- Component is not provided with symbol 9 of Table D.1 (symbol IEC 60417-5172, DB: 2003-02). Enduse product evaluation to determine the acceptability.
- Power supply was evaluated as a Class II component. Suitable Creepage and Clearance distances complying with Clause 8.9 shall be evaluated when installed in an end product investigation.
- 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).
- 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)