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America

CERTIFICATE

No. B 12 09 57396 178

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

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

Production Facility(ies): 72220

Certification Mark:

Product: **Power supplies (Power Supply)**

Model(s): **ECP150PSXX, ECP150PS12-XE0358B (where XX can be number 12 to 48 to indicate the main output voltage, may be also followed by suffix "SF" for single fuse)**

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Input Current:	2.5 A
Rated input frequency:	50/60 Hz
Rated Output Ratings:	See attachment
Protection Class:	Class I or Class II depend on end use.
Temperature, Ambient:	50°C with maximum output power, 70°C with half maximum output power.
Elevation for use:	0-3048 m above sea level.

See attachment for additional information.

Tested according to: EN 60950-1/A12:2011

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.: SI1209368-000

Date, 2012-09-21

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America

ATTACHMENT TO CERTIFICATE NO. B 12 09 57396 178
FOR XP POWER LLC

POWER SUPPLY

Output Ratings:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Current (A)
ECP150PS12	12	12.5
ECP150PS15	15	10
ECP150PS24	24	6.25
ECP150PS28	28	5.4
ECP150PS48	48	3.1
ECP150PS12-XE0358B	12	12.5

Conditions of Acceptability:

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

The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the Class I end product.
- When installed in end product, the clearance and creeepage distance between the related circuitry of the power supply and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (for Class I end product) shall be conducted at end product.
- The proper warning to service persons should be marked on the end product when the power supply has a fuse in the neutral of the primary circuit.

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America

CERTIFICATE

No. B 11 08 57396 108

Holder of Certificate: **XP Power LLC.**
1241 East Dyer Road, Suite 150
Santa Ana CA 92705
USA

Production Facility(ies): 72220

Certification Mark:

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

Model(s): **ECP150PSXX (where XX can be number 125 to 48 to indicate then main output voltage, may be also followed by suffix "SF" for single fuse)**

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Input Current:	2.5 A
Rated Input Frequency:	50/60 Hz
Rated Output Ratings:	See attachment for output ratings and conditions of acceptability.
Protection Class:	Class I or Class II depend on end use.
Ta:	50°C with maximum output power, 70°C with half maximum output power.
Elevation for use:	0-3000 m above sea level.

Tested according to: EN 60601-1:2006

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.: 095-1107400-000

Date, 2011-08-25

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America

ATTACHMENT TO CERTIFICATE NO. B 11 08 57396 108
FOR XP POWER LLC

POWER SUPPLIES

Output Ratings:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Current (A)
ECP150PS12	12	12.5
ECP150PS15	15	10.0
ECP150PS24	24	6.25
ECP150PS28	28	5.4
ECP150PS48	48	3.1

Conditions of Acceptability:

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

The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the Class I end product.
- When installed in end product, the clearance and creeepage distance between the related circuitry of the power supply and accessible parts shall meet the standard(s) requirements. Hi-pot test, touch current test and ground bond test (for Class I end product) shall be conducted at end product.
- The component shall be considered for compliance with the Marking (clause 7) and Separation (clause 8) requirements as part of the end use application evaluation.
- 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 end product shall ensure that the requirements related to accompanying documents, clause 7.9 are met.
- Unit provided with additional suffix "-SF" are provided with only one fuse in the line side. Consideration for the need for additional fusing to be provided as part of the end product.
- Units were evaluated for a max. output of 150W when provided with airflow from a 15 CFM fan and max. output of 100W when not provided with a fan.