



Product Service

CERTIFICATE

No. B 057396 0536 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. See also notes overleaf.

Test report no.: 095-72143467-000

Valid until: 2023-12-10

Date, 2018-12-17

(Adrian Rabago Valenzuela)

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Model(s): EPL150PSxx
(where xx can be any number between 12 and 48 designating the main output voltage. May also be provided with suffix "-SF", "T", or "-yyyyy".)

Brand Name: XP



Parameters:

Rated Input Voltage: 100-240 VAC
Rated Input Current: 2.5 A
Rated Frequency: 50/60 Hz
Protection Class: Class I or Class II at end product
Temperature, Ambient: 50°C for 100% rated output
70°C for 50% rated output
Elevation for Use: 0-5000 m above sea level

General Product Information:

The model covered are component AC-DC power supplies intended for use in Audio/video, information and communication technology equipment. They are intended for building-in to Class I or Class II equipment.

Approved Models and Rated Outputs:

Model Number	Voltage (VDC)	Max Output rating (Current and Power)							
		Forced cooling 10 cfm fan				Convection cooling			
		50°C		70°C		50°C		70°C	
		Curr.	Pwr.	Curr.	Pwr.	Curr.	Pwr.	Curr.	Pwr.
EPL150PS12	12 (10.1-13.5)	12.5	150	6.25	75	8.33	100	4.17	50
EPL150PS15	15 (13.6-17)	10	150	5.0	75	6.67	100	3.33	50
EPL150PS18	18 (17.1-21)	8.33	150	4.17	75	5.56	100	2.78	50
EPL150PS24	24 (21.1-26)	6.25	150	3.13	75	4.17	100	2.08	50
EPL150PS28	28 (26.1-31)	5.4	150	2.68	75	3.57	100	1.79	50
EPL150PS33	33 (31.1-33)	4.55	150	2.27	75	3.03	100	1.52	50
EPL150PS36	36 (33.1-42)	4.17	150	2.08	75	2.78	100	1.39	50
EPL150PS48	48 (42.1-54)	3.1	150	1.56	75	2.1	100	1.04	50

All models are provided with a Fan output @ CN3 (12 Vdc, 0.5A)



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Suffix:

"-SF" or blank, denotes units provided either single pole fusing (SF) or double fusing (Blank)

"-T" denotes models provided with input screw terminals

"-yyyyy" can be any digits or letters or blank for non-safety related marketing purpose

All "-" considered optional

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.
- Heatsinks are floating and considered live. They should not be accessible in the end-product.
- 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 creepage distance between the hazardous voltage circuitry 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 use.
- The equipment can be provided with fuses in both the Line and Neutral of the primary circuit. The need for a marking warning service person of the hazards associated with neutral fusing shall be considered in the end-product.
- The maximum continuous power supply output (Watts) relied on forced air cooling from:10cfm fan applied 1 inch from input side, blowing inward.
- Safeguards against capacitor discharge after disconnection of a connector shall be evaluated in the end-product.

Tested according to:

EN 62368-1:2014/A11:2017

Production

Facility(ies):

003227, 071712, 089850