



America

CERTIFICATE

No. B 12 04 57396 143

Holder of Certificate: XP Power LLC.



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

Production Facility(ies): 71712, 59319

Certification Mark:



Product: Switching power supply unit
(Switching Power Supply)

Model(s): SHP350PSXX
(where XX can be number 12-48 indicating main output voltage)

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Frequency:	50/60 Hz
Rated Input Current:	4.6 A
Rated Output Ratings:	See attachment
Protection Class:	Class I at end use
Elevation for use:	0-3000 m above sea level
Temperature, Ambient::	50°C with full load, 70°C with half load.

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.: SI1204136-000

Date, 2012-04-19

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America

ATTACHMENT TO CERTIFICATE NO. B 12 04 57396 143
FOR XP POWER

SWITCHING POWER SUPPLY

Power supply model SHP350PSXX series are AC/DC component type switching power supplies.

SHP350PSXX DC output rating:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Current (A)	Power (W)
SHP350PS12	12	26.5	350
SHP350PS15	15	22	350
SHP350PS24	24	14.5	350
SHP350PS24 (input range 180-240 V only)	24	17.5	420
SHP350PS28	28	12.5	350
SHP350PS28 (input range 180-240 V only)	28	15	420
SHP350PS36	36	9.7	350
SHP350PS36 (input range 180-240 V only)	36	11.7	420
SHP350PS48	48	7.3	350
SHP350PS48 (input range 180-240 V only)	48	8.75	420

All models are provided with 5vdc, 0.2 a stand-by output.

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 creepage 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 shall be conducted at end product.
- The fan provided in this module is not intended for operator access. Additional compliance at end use.



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CERTIFICATE

No. B 13 10 57396 228

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



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

Production
Facility(ies):

59319, 71712

Certification Mark:



Product:

Switching power supply unit
(Switching Power Supply)

Model(s):

SHP650PS36-XE0595, SHP650PSXX
(where XX can be number 12-48 indicating
main output voltage, may be optionally followed
by "EF" or "TF" for different fan and top cover options)

Parameters:

Rated Input Voltage: 100 - 240 VAC,
Rated Frequency: 50 / 60 Hz
Rated Input Current: 9.0 A
Rated Output Ratings: See attachment
Protection Class: Class I at end use
Elevation for use: 0-3048m above sea level
Temperature, Ambient: 50°C with maximum output power,
70°C with half maximum output power
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.:

SI1209179-100

Date, 2013-10-14

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ATTACHMENT TO CERTIFICATE NO. B 13 10 57396 228 FOR XP POWER LLC

SWITCHING POWER SUPPLY

Power supply model SHP650PSXX series are AC/DC component type switching power supplies.

SHP650PSXX DC output rating:

Model Number	OUTPUT RATING	
	Voltage (VDC)	Current (A)
SHP650PS12	12	50
SHP650PS15	15	40
SHP650PS24	24	27
SHP650PS28	28	23
SHP650PS36	36	18
SHP650PS48	48	13.5
SHP650PS36-XE0595	30	19

Model number can be optionally followed by “EF” or “TF” , where:

Model SHP650PSXXEF provided with top cover with fan located at the end of the power supply chassis.

Model SHP650PSXXTF provided with top cover with fan located at the top of the power supply chassis.

Model SHP650PSXX not provided with top cover and no fan, only provide with U-shaped chassis.


Model SHP650PS36-XE0595 is similar to SHP650PS36, with some minor secondary component change for the different output voltage.

The product was evaluated for use at altitude up to 3048 meters above sea level.

CONDITIONS OF ACCEPTABILITY:

- 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 creepage 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 shall be conducted at end product.
- The fan provided in this module is not intended for operator access. Additional compliance at end use.

Rpt. Ref. No.: SI1209179-100


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2013-10-14



America

CERTIFICATE

No. B 10 09 57396 080

Holder of Certificate: XP Power LLC.



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

Production Facility(ies): 59319, 71712

Certification Mark:



Product: Power supplies
(Power Supply)

Model(s): SHP1000PSXX
(where XX can be number 12 to 48 to indicate the main output voltage, see attachment for approved models)

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Input Current:	13 A
Rated Input Frequency:	50/60 Hz
Protection Class:	I at end use
Temperature, Ambient:	50°C with maximum output power 70°C with half maximum output power.
Elevation for use:	0-3000 m above sea level
Rated Output Ratings:	See attachment for output ratings and conditions of acceptability.

Tested according to: EN 60950-1/A11:2009

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.: 095-1008490-000

Date, 2010-09-29

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America

**ATTACHMENT TO CERTIFICATE NO. B 10 09 57396 080
FOR XP POWER LLC**

POWER SUPPLY

Approved models and output ratings:

Model Number	OUTPUT RATING		
	Voltage (VDC)	Maximum Current (A)	Maximum Output Power (W)
SHP1000PS12	12	83	1001
SHP1000PS15	15	67	1010
SHP1000PS24	24	42	1013
SHP1000PS24	24	50	1200
SHP1000PS28	28	36	1013
SHP1000PS28	28	43	1204
SHP1000PS36	36	28	1013
SHP1000PS36	36	33	1188
SHP1000PS48	48	21	1013
SHP1000PS48	48	25	1200

Model Differences:

All models are similar with the differences in Main Transformer T302, and minor secondary components for different output voltages.

Conditions of Acceptability:

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

The models require:

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 end product.
- Ground bond test, Touch current test and dielectric Strength test need to be considered at end use equipment.
- 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.
- The output has energy higher than 240 VA, additional compliance at end use.

Report Reference Number: 095-1008490-000

2010-09-29

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