



America

# CERTIFICATE

No. B 11 06 57396 101

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



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

**Production Facility(ies):** 59319, 71712, 52681

**Certification Mark:**



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

**Model(s):** **EMH250PS Series, EMH350PS Series**

**Parameters:**

Rated Input Voltage:	100-240 VAC
Rated Input Current:	3.8 A (EMH250PS Series), 4.8 A (EMH350PS Series)
Rated Input frequency:	50/60 Hz
Rated Output Ratings:	See attachment
Protection Class:	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.
See attachment for further details.	

**Tested according to:** EN 60950-1/A1:2010

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.:** 095-1105162-000

Date, 2011-06-07  
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## ATTACHMENT TO CERTIFICATE NO. B 11 06 57396 101 FOR XP POWER LLC

### POWER SUPPLY

Models covered in this report are component type AC to DC power supplies intended for use in IT equipment. They are power supplies for building-in.

#### Approved Models

Model Number	MAIN OUTPUT RATING	
	Voltage (VDC )	Current (A)
EMH250PS12	12	21
EMH250PS18	18	14
EMH250PS24	24	10.5
EMH250PS33	33	7.6
EMH250PS36	36	6.9
EMH250PS48	48	5.2
EMH350PS12	12	29.2
EMH350PS18	18	19.5
EMH350PS24	24	14.6
EMH350PS33	33	10.6
EMH350PS36	36	9.8
EMH350PS48	48	7.3
Stand-by output for all models: 5Vdc/2A; Fan output for all models: 12Vdc/0.6A.		

**Model number can be optionally followed by:**

YY= 00-99, denotes non-safety related functions;  
Then optionally followed by

“-SF”, denotes single pole fusing (default: double fusing);

Model number can optionally provided with suffix:

“-TF”: top fan and cover;

“-VF”: variable fan and cover;

“-S”: models provided with input screw terminals;

“D”: integral O-ring diode located in the secondary.



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## ATTACHMENT TO CERTIFICATE NO. B 11 06 57396 101 FOR XP POWER LLC

### 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 at end use .
- 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.
- All main secondary outputs are at hazardous energy level, additional compliance at end use.

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Rpt. Ref. No.: 095-1105162-000

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2011-06-07





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# CERTIFICATE

No. B 13 12 57396 242

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 supply  
(Power Supply)

Model(s):

EMH350PDXX  
(Where XX can be number 12 to 25 to represent model number code, may be also followed by suffix "-U", "-EF", "-SF", "S", or "L" for different configurations. All "-" are optional)

Parameters:

Rated Input Voltage: 100-240 VAC  
Rated Input Current: 4.8 A  
Rated input frequency: 50/60 Hz  
DC Output Ratings: See attachment  
Protection Class: Class I or Class II at end use.  
Temperature, Ambient: 50°C with maximum output power,  
70°C with half maximum output power.  
Elevation for use: 0-5000 m above sea level.  
See attachment for further 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.: SI1311733-000

Date, 2013-12-06

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## ATTACHMENT TO CERTIFICATE NO. B 13 12 57396 242 FOR XP POWER LLC.

### POWER SUPPLY

Models covered in this report are component type dual output AC/DC switching power supplies intended for use in IT equipment. They are power supplies for building-in.

#### Approved Models

Model Number	OUTPUT RATING				Max. Total Power (W)
	Output V1		Output V2		
	Voltage (VDC)	Max Current (A)	Voltage (VDC)	Max Current (A)	
EMH350PD21	10.1-13.5	16.5	21.1-26.0	8.3	350
EMH350PD22	10.1-13.5	16.5	33.1-42.0	5.5	350
EMH350PD23	10.1-13.5	16.5	42.1-54.0	4.2	350
EMH350PD24	21.1-26.0	8.3	42.1-54.0	4.2	350
EMH350PD25	54.1-66.0	5.83	54.1-66.0	5.83	350

Stand-by output for all models: 5Vdc/2A; fan output for all models: 12Vdc/0.6A.  
**Note:** the output V1 and V2 can be connected in series to achieve a maximum total output 120 Vdc, 350 W max

#### Model number can be optionally followed by:

- “-U”: model provided with U-Channel;
- “-EF”: model provided with End Fan and Cover;
- “-SF”: model provided with single pole fusing (default: double fusing);
- “-S”: model provided with screw terminal block;
- “-L”: model provided with fly leads.



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## ATTACHMENT TO CERTIFICATE NO. B 13 12 57396 242 FOR XP POWER LLC.

### Conditions of Acceptability:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Model EMH350PD25 may have output voltage exceeds SELV limit, additional evaluation at end product.
- Proper bonding to the end-product main protective earthing terminal is required at Class I end use.
- 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 (Class I end product) test shall be conducted at end product.
- All models may have secondary output circuits at hazardous energy level, additional compliance at end use.
- The maximum continuous output relies on forced air cooling from: an external 16 CFM DC fan applied 1 inch from the input side, blowing inward. Fan accessibility shall be evaluated at end use.
- 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.

Rpt. Ref. No.: SI1311733-000

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