



America

CERTIFICATE

No. B 14 08 57396 278

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):

**HPD1K5PS24,
may be followed by suffix “-SF” for single
fusing.**

Parameters:

Rated Input Voltage:	100-240 VAC
Rated Input Current:	16.5 A
Rated input frequency:	50/60 Hz
Elevation for use:	0-5000 m above sea level
Protection Class:	Class I
Rated Output:	See attachment
Maximum temperature, ambient:	50°C with max output, 70°C with 50% max output

For further information, please see attachment.

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.: SI1407996-000

Date, 2014-08-11

William A Wenthold

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ATTACHMENT TO CERTIFICATE NO. B 14 08 57396 278 FOR XP POWER LLC

POWER SUPPLY

General Product information:

The product is a component AC-DC power supply for building-in, with an adjustable output voltage from 3-29 Vdc. The power supply is provided with an overall metal enclosure, incorporating primary and SELV components.

The main PWB is secured to the chassis bottom by multiple machine screws. An insulating sheet is installed between PWB and chassis, wrapped around the board assembly, covering the sides and extending over the top. The control PWB is mounted vertically on the side of the main PWB and secured by multi-pin soldering.

The unit is provided with 2 cooling fans mounted internally behind the rear panel acting as fan guard.

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 shall be provided in the end use equipment.
- The protective bonding terminal of the power supply shall be reliably bonded to the main protective earthing terminal of the end product.
- Hi-pot test, touch current test and ground bond test shall be conducted at end product.
- Main output is at hazardous energy level, accessibility shall be evaluated at end product.
- The DC fan shall not be operator accessible at end product.
- The power supply unit provides double pole fusing (models without "SF" suffix); proper warning shall be provided at end product.

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Approved models and Rated Outputs:

Input voltage range (VAC)	Output voltage (VDC)	Max. Output current (A)	Max. Output Power (W)
100-180	3-29	50.0	1200
180-240	3-29	62.5	1500

MODEL HPD1K5PS24				
Output Voltage (Vdc)	Output Current - Low Line (100-180 Vac) (A)	Max Power - Low Line (W)	Output Current - High Line (180-240 Vac) (A)	Max Power - High Line (W)
3	50.0	150	62.5	188
4	50.0	200	62.5	250
5	50.0	250	62.5	313
6	50.0	300	62.5	375
7	50.0	350	62.5	438
8	50.0	400	62.5	500
9	50.0	450	62.5	563
10	50.0	500	62.5	625
11	50.0	550	62.5	688
12	50.0	600	62.5	750
13	50.0	650	62.5	813
14	50.0	700	62.5	875
15	50.0	750	62.5	938
16	50.0	800	62.5	1000
17	50.0	850	62.5	1063
18	50.0	900	62.5	1125
19	50.0	950	62.5	1188
20	50.0	1000	62.5	1250
21	50.0	1050	62.5	1313
22	50.0	1100	62.5	1375
23	50.0	1150	62.5	1438
24	50.0	1200	62.5	1500
25	48.0	1200	60.0	1500
26	46.2	1200	57.7	1500
27	44.4	1200	55.6	1500
28	42.9	1200	53.6	1500
29	41.4	1200	51.7	1500

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