



Product Service

**CERTIFICATE**

No. 8 08 07 57396 051

**Holder of Certificate:** XP Power, Inc.1590 Sinclair Street  
Anaheim CA 92806-5933  
USA**Production  
Facility(ies):**

59319,30668,57396,61401,52681

**Certification Mark:****Product:**Power supply  
(Power Supply)**Model(s):**GFR1K5PSXX  
(where XX can be 12, 24, 48, or 56  
designating the output voltage)**Parameters:**

Rated Input Voltage:	100-240 V AC,
Rated Frequency:	50/60 Hz
Rated Input Current:	16.5A
Rated Input Voltage:	See attachment for output ratings and conditions of acceptability.
Protection Class:	I at end use
Tamb:	50°C at full rated output load, 70°C at half rated output load,

**Tested according to:** EN 60950-1:2006

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. The certification mark must not be altered in any way. See also notes overleaf.

**Test report no.:**

095-805776-000

**Date,** 2008-07-25

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# CERTIFICATE

No. B 10 03 57396 071

Holder of Certificate: **XP Power, Inc.**



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

Production  
Facility(ies):

59319, 71712

Certification Mark:



Product:

**Other IT and business equipment  
(Power Rack)**

Model(s):

**GFR1K5RACK-01  
GFR1K5RACK-03  
GFR1K5RACK-04  
GFR1K5RACK-05**

Parameters:

Rated Input Voltage: 100 - 240 V AC,  
Rated Frequency: 50 / 60 Hz  
Rated Input Current: 12 A per cord  
Rated Output Voltage: See attachment  
Protection Class: I  
Temperature, Ambient: 50°C with maximum output power  
70°C with half maximum output power  
See attachment for 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.: 095-1001892-000

Date, 2010-03-24

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America

# ATTACHMENT TO CERTIFICATE NO. B 10 03 57396 071 FOR XP POWER

## POWER RACK

<b>Approved models:</b>	
GFR1K5RACK-01	Single output, 5V standby, analog signal (9 pins), Digital signal (25 pins)
GFR1K5RACK-03	Single output POE option, Analog signal (9 pins).
GFR1K5RACK-04	Dual output, analog signal and digital signal (44 pins)
GFR1K5RACK-05	Single output, 5V standby, analog signal (9 pins), volt free contact
<b>Output Ratings</b>	
Single Output for 50°C	
Input	Output
100-180VAC	12-56 Vdc, max. 320 A, max. 4000W.
180-240 VAC	12-56 Vdc, max. 400 A, max. 6000W.
Single Output for 70°C	
Input	Output
100-180VAC	12-56 Vdc, max. 320 A, max. 2000W.
180-240 VAC	12-56 Vdc, max. 400 A, max. 3000W.
Dual Output for 50°C	
Input	Output
100-180VAC	12-56 Vdc, max. 160 A, max. 2000W per Output.
180-240 VAC	12-56 Vdc, max. 200 A, max. 3000W per Output.
Dual Output for 70°C	
Input	Output
100-180VAC	12-56 Vdc, max. 160 A, max. 1000W per Output.
180-240 VAC	12-56 Vdc, max. 200 A, max. 1500W per Output.

### Conditions of Acceptability:

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

These models require:

1. Proper fire and electrical enclosure are required at end-product.
2. The output has energy level higher than 240VA, additional compliance at end use.



Product Service

**ATTACHMENT TO CERTIFICATE NO. B 08 07 57396 051**  
**FORXP POWER**  
**POWER SUPPLY**

GFR1K5PSXX Output					
Model Number	V1-Output			V-Standby	
	V (DC)	LowN (100-180Vac input)	High-V (180-240Vac input)	V (DC)	I (A)
GFR1K5PS12	12	100A; 1200 W max		5	1
GFR1K5PS24	24	50A; 1200 W max	62.5A; 1500 W max	5	1
GFR1K5PS48	48	25A; 1200 W max	31A; 1500 W max	5	1
GFR1K5PS56	56	22A; 1200 W max	27A; 1500 W max	5	1

**Model Differences:**

All Models are similar.. The differences are in output ratings, number of turns of secondary winding of the output isolation transformer and corresponding minor differences of secondary circuit components.

**Conditions of Acceptability:**

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

**These models require:**

1. When installed in an end-product, a suitable main disconnect device shall be provided in the end product.
2. Proper fire and electrical enclosure are required at end-product. .
3. Reliable earth connection shall be provided at the end use installation.
4. The power supply is to be installed only by trained service personnel, according to the manufacturer's installation instruction.
5. The power supplies have a fuse in the neutral of the primary circuit.. The proper warning to service persons should be marked on the end product..

Report Reference Number: 095-805776-000

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2008-07-25

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