



ELECTRICAL SPECIFICATIONS

Input voltage range	-32VDC to -72VDC
Input current	19A
Efficiency	>70% at full load
Output voltage	See table below
Short circuit protection	On all outputs
Over voltage protection	+5V (max. 6.25V) +12V (max. 14.60V) +3.3V (max. 4.10V)
Overload protection	150% of full load, shutdown
Hold-up time	16ms at full load @ -48VDC
Withstand voltage	I/P-O/P: 1.5KV, I/P-FG: 1.5KV, 1 min
Power good signal	TTL compatible (100ms - 500ms)

FEATURES

- Power Factor Correction and Auto voltage select option
- Fully guard-banded option
- Heavy-duty nickel case
- Standard PS/2 form factor
- Overload, over voltage, and short circuit protection
- Hi-pot tested, and full load burn-in
- UL, CUL, and TUV safety approvals
- Built-in line filter to meet FCC Class B
- 1 year warranty, parts and labor
- 50K hours MTBF @ 25°C

Cooling:
By ball-bearing fan, 37.1 CFM

Storage temperature:
-20°C to +60°C

Output	Voltage	Max. Load	Min. Load	Load Reg.	Line Reg.	Ripple & Noise ¹
V1 ²	+3.3V	20A	0.1A	±5%	±1%	100mV
V2 ²	+5V	42A	2.5A	±5%	±1%	100mV
V3	+12V	14A	0.5A	±5%	±1%	150mV
V4	-5V	1.0A	0A	±5%	±1%	200mV
V5	-12V	1.0A	0A	±5%	±1%	200mV
V6	+5Vsb	0.75A	0A	±5%	±1%	100mV

1. Peak to peak with 20Mhz bandwidth and 10uF in parallel with 0.1uF capacitor.
2. Total combined current from +3.3V and +5V is 42A.

SAFETY & EMI

Meets Safety Approvals:	Meets EMI:
UL 1950	FCC Class B
CUL	CISPR22 Class B
TUV EN60950	VCCI Class 2

Ordering Information

Order Number	Output voltages provided
P6400PS-48	+3.3V, +5V, +12V, -5V, -12V, +5Vsb
P5400PS-48	+3.3V, +5V, +12V, -5V, -12V
P4400PS-48	+5V, +12V, -5V, -12V

**Specifications subject to change without notice*