

PS1048

1KW 48VDC Modular Power Supply

- 1U Rack Mount
- Up to 5 modules in one 483mm (19") shelf
- 5KW / shelf capability
- 90 – 264 VAC wide range input
- Efficiency >89%
- I²C bus option
- Hot Swap
- Remote control and monitoring



Output Voltages & Currents

Output	Output Voltage	I Min. Load	I Max. Load	Peak Load	Note
VO1	48V	0	20A	22A	Floating
VSB	5VSB	0	1A	1.2A	Floating

PS1800 & PS1848

High Power 5U Power Racks

The PS1800 and 1848 Power System Solutions are 5U high 19" power racks using a liquid cooled base plate. 12 x PS-1500 internal hot pluggable modules connected in N+1 power share provide up to 18KW of output power.

PS1800 and PS-1848 are engineered and constructed for use in heavy industrial and military environments as bulk power sources. Applications include naval and rugged land based systems.

- 19" 5U Power Rack
- 320 VAC output at 18KW
- 48 VDC output at 12KW
- Liquid Cooling
- Efficiency >89%
- Dimensions 5U x 483 x 635mm (5U x 19" x 25")
- MIL Standards
- Reliability >200,000 hours
- Operating temperature range -30°C to +50°C
- LED status indicators
- RS422 for remote control and monitoring.
- Over current, short circuit, over voltage and over temperature protected



PS1800 Output Voltage & Currents

Output	Output Voltage	I Min. Load	I Max. Load	Peak Load	Note
VO1	320 VAC	0	56A	60A	Floating

PS1848 Output Voltage & Currents

Output	Output Voltage	I Min. Load	I Max. Load	Peak Load	Note
VO1	48 VDC	0	250A	260A	Floating