



DC-DC Power Supplies Up / Down Converters



PSR Series 200

1.75" x 19" Rack Mount

The PS Series of DC-DC power supplies has been specifically designed for use in telecommunications applications. The input and output are electrically isolated so that the unit can be supplied from either a positive or negative ground system, and can in turn support a load that has either a positive or negative ground. The input and output DC lines are filtered to minimize the effects of high frequency noise on the system equipment

Standard features such as remote status indications and remote control inputs enable easy systems integration. Input and output power indicators on the front panel provides "At A Glance" status for maintenance personnel.

Features

- Input / Output Isolated
- Over Voltage Protection
- Current Limited
- Thermal Shutdown
- Remote Status & Control
- Remote Sensing

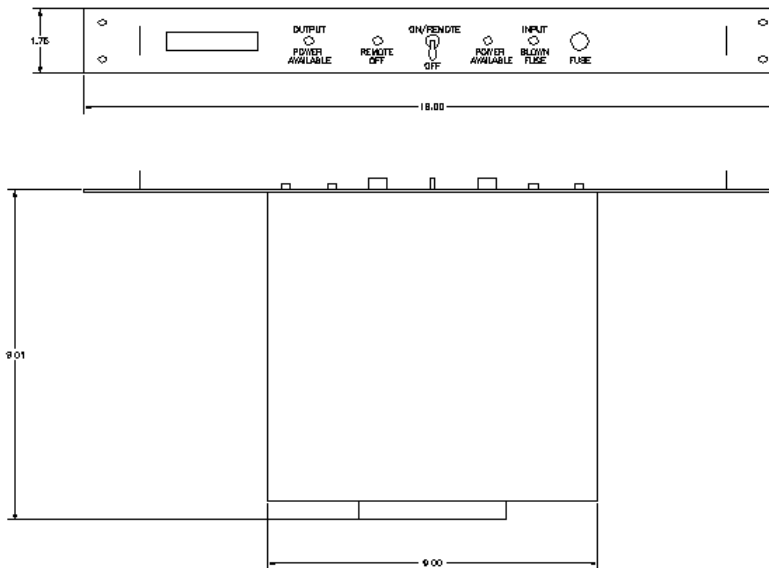
Model	Input	Output	Current
PSR 24-12/12	24V	12V	12A
PSR 24-15/10	24V	15V	10A
PSR 24-24/6	24V	24V	6A
PSR 24-48/3	24V	48V	3A
PSR 48-12/16	48V	12V	16A
PSR 48-15/13	48V	15V	13A
PSR 48-24/8	48V	24V	8A
PSR 48-48/4	48V	48V	4A
PSR 129-12/16	129V	12V	16A
PSR 129-15/13	129V	15V	13A
PSR 129-24/8	129V	24V	8A
PSR 129-48/4	129V	48V	4A

Shawnee Power Systems, Inc.

12480 W. 62nd Terrace, Suite 201 | Shawnee, KS 66216

888-660-2442 | fax: 913-631-2205

www.shawneepower.com



Specifications

Load Regulation:	0.5%
Line Regulation:	0.5%
Output Temperature Drift	0.02%
Peak to Peak Ripple:	1%
Total Remote Sense Compensation:	0.5V
Over Voltage Protect Set Point:	125%
Current Limit:	105%-135%
Efficiency:	78-88%
Temperature Range:	0-85° C

Isolation

Input to Output:	3,750 VRMS
Output to Chassis:	500 VRMS
Input to Chassis:	2,500 VRMS

Input Voltage Range

Nominal	Operating Range
24V	21-32 VDC
48V	42-60 VDC
129V	100-200 VDC

Front Panel Details

- Power Switch
- Blown Fuse LED
- Input Power Available LED
- Output Power Available LED
- Remote Off LED

Terminal Connection Details

- Input Terminals
- Output Terminals
- Common Chassis Ground
- Remote Sense Terminals
- Remote Status Terminals
- Remote Control Terminals

Mechanical

- Aluminum Chassis
- Painted Front Panel
- Designed for 19" Rack

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