



DC-DC Power Supplies Up / Down Converters

PSP Series 100

Plug In Module for Tellabs 400 Equipment Shelf



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

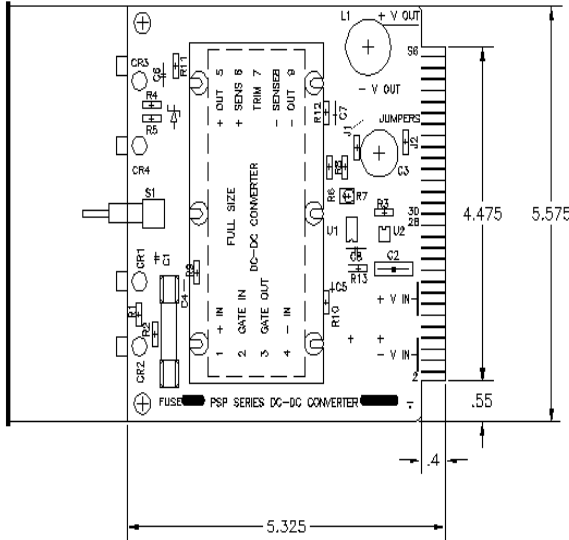
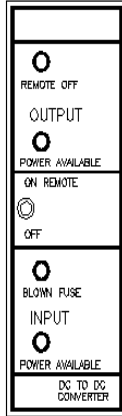
Model	Input	Output	Current
PSP 12-12/2	12V	12V	2A
PSP 12-15/2	12V	15V	2A
PSP 12-24/2	12V	24V	2A
PSP 12-48/1.5	12V	48V	1.5A
PSP 24-12/2	24V	12V	2A
PSP 24-15/2	24V	15V	2A
PSP 24-24/2	24V	24V	2A
PSP 24-48/2	24V	48V	2A
PSP 48-12/2	48V	12V	2A
PSP 48-15/2	48V	15V	2A
PSP 48-24/2	48V	24V	2A
PSP 48-48/2	48V	48V	2A
PSP 129-12/2	129V	12V	2A
PSP 129-15/2	129V	15V	2A
PSP 129-24/2	129V	24V	2A
PSP 129-48/2	129V	48V	2A

Shawnee Power Systems, Inc.

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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
12V	10-20 VDC
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

Edge Connector Details

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

Mechanical

- Painted Aluminum Front Panel
- Designed for Single Slot of Tellabs 400 Equipment Shelf

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