



# PSR800 Power Supply



## FEATURES

- \* UL/CSA TUV/IEC approved
- \* Capacitors have highest CV & ripple current ratings
- \* MTBF 200,000+ hours per MIL handbook 217D
- \* All electrolytic caps rated at 105°C
- \* Transformer insulation meets Class F (155°C)
- \* Exceed FCC and CISPR22 Class B conducted emissions
- \* CE marked to LVD

## Description

The GDI Model PSR800 Linear Power Supply is designed to be utilized with the GDI Model R800-16/45R sixteen position modem rack. The power supply is capable of operating one fully populated sixteen position rack utilizing either single or dual modem plug-in cards.

## Specifications:

### AC Input:

100, 120 and 240 VAC: +10%, -13%  
215 VAC: +12%, -11%  
Tolerance for 230 VAC operation is +15%, -10%  
47 to 63 Hz

### DC Output

+12 to +15 VDC @ 5A  
-12 to -15 VDC @ 5A

### Line Resolution

+/- 0.05% for a 10% change

### Load Regulation

+/- 0.05% for a 50% load Change

### Output Ripple

3mV +0.05% of output voltage, peak to peak maximum

### Transient Response

<50 microseconds for 50% load change

### Short Circuit Protection

Automatic current limit/foldback

### Stability

+/- 0.05% for 24 hours after warmup

### Temperature Coefficient

+/- 0.01%/°C maximum

### Temperature Rating

-40 to +70°C

### Efficiency

55%

### Mechanical

3U 19" Rack mount, 5" deep

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12 lbs

PSR800-050306