

MajorTPS DC/DC Converter

Product Features

- **Compact**
 - ▶ Only 2 RU, mounts in 19" or 23" rack
- **Easy maintenance**
 - ▶ Plug-in input and output connections
- **Flexible**
 - ▶ Parallels for capacity and/or redundancy
- **Low output noise**
 - ▶ Less than 20 dBrc without battery



Product Specifications

- **System Capacities**
 - ▶ 50 Amps output from 23 to 31 VDC
- **Protection**
 - ▶ Input and Output circuit breakers
 - ▶ Electronic output over-current protection
- **Controls**
 - ▶ Two-level output voltage adjust
- **Metering & Status**
 - ▶ Output metering for voltage and current
- **Warranty**
 - ▶ Comprehensive 12 month



Rear view of MajorTPS DC/DC converter

Model Selection Guide

Model	MajorTPS50/24-125VDC	MajorTPS25/48-125VDC
DC/DC Converters		
Input		
Voltage	100 - 150 VDC	
Current	14 Amps Maximum	
Output		
Voltage	23 - 31 VDC	44 - 61 VDC
Current	50 Amps	25 Amps
Power	1350 Watts	
Regulation	±0.5% - Static; 2 - 100% load step	
Response Time	<1mS	
Voiceband Noise Weighted	< 0.5 mV	
Wideband Noise	< 20 mV	
Physical		
Rack Units	2 RU	
Dimensions (W x D x H)	17 x 17 x 3.5 in	
Weight	30 lbs	
Temperature	0-50°C Operating, -20 to +80°C Storage	
Cabinet Type	Fan Cooled, Monolithic, No shelf required	
Converter Shelf	Not Required	
Connections		
Input Connections	Amp Twistlock	
Output Plug In	Power Pole	