

12V to 24V Voltage Converters

P/N 41201

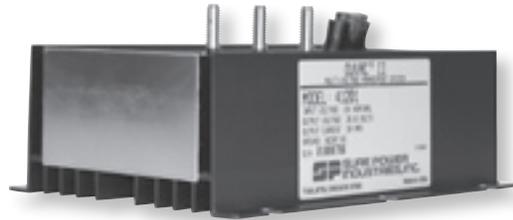
P/N 41203

Electrical Parameters

- Protected against reverse polarity (fused protection)
- Protected against short circuit (fused protection)
- Has current limit protection for loads exceeding 5VDC AMPS
- Protected against over and low voltage
- Protected against loss of battery ground or loss of converter ground
- Capable of supplying 5 AMP of continuous output current.

Environmental Parameters

- Sealed and protected against environmental factors such as humidity, dust, moisture, dew, chemicals, corrosive materials, fuels and cleaners.
- Protected against shock and vibration forces up to 8G.
- The heatsink finish will withstand up to 500 hrs. of continuous salt spray.
- The heatsink is electrically insulated up to 500VAC to 60 Hz.



Specifications

Input Voltage	7 to 24VDC operating
Input Reverse Polarity	Fused
Output Voltage	V out = 26VDC
Output Current	5 AMPS current limited model 41201; 20 AMPS current limited model 41203
Load Regulation	3% of (nominal)
Ripple/Noise Voltage	500 mV RMS maximum
Operating Temperature	-40 to +85°
Storage Temperature	-55 to +105°
Efficiency	> 85%
ElectroMagnetic Susceptibility	20V/meter @ 10KHz-1GHz
Quiescent Current	< 20 mA
Step Response	< 15% deviation from normal stabilizing within 20 mSec for 90% to 10% output current step

Model 41201 has battery-less operation. Supplies 24V load directly.

Model 41203 has ignition activation.

Mini Power Supply



MPS28-115-150 Mini Power Supply

P/N MPS28-300P

Features

- Converts 28VDC to 115VAC 60 Hz output (modified sinewave)
- Lightweight compact & portable
- Easy to use
- 150VA continuous output
- 200VA peak power for 5 min.
- 400VA surge power
- Battery low/low voltage alarm & shutdown overload protection
- Short circuit protection
- 1-year warranty