

MC2402
Rack Mounted
DC-DC Power Converter

(Document Rev A04 09/29/15)



+24Vdc Input, 1250W Multiple Output

Product not in current production and may not be reproducible to original specifications.
 This product demonstrates Aegis Power Systems capabilities.

Market: Telecommunications

Application: Mobile Satellite Communications

Features

- Designed to meet portions of FCC Class "A" EMI specifications. *
- Designed to meet portions of Mil-Std-810F Environmental Specs.*
- Over Voltage protection reset by recycling input power.
- Over Current protected with automatic recovery.

* Contact AEGIS Power Systems for specific details.

Table 1: Specifications

Parameter	Rating	Unit	Notes
Vin Range	20-32	Vdc	+24Vdc Nominal
Temperature range	-40 to +100	°C	Operating
+24Vdc output	600	W	25 Amp
+35Vdc output	245	W	7 Amp
+16Vdc output	72	W	4.5 Amp
+5Vdc output	15	W	3 Amp
+3.3Vdc output	16.5	W	5 Amp
Weight	36	Lbs	Maximum
Dimension	3.5" H x 16.7" W x 18" L (Rack Mountable)		

Product Highlights

This robust input filtered Mil-Cots dc-dc power converter has a factory configured outputs of +24Vdc, +35Vdc, +16Vdc, +5Vdc, and +3.3Vdc with 1250W total combined output capability. This rack mounted COTS solution works well for Industrial, Telecommunications or Mil-cots applications that require output power with multiple Vdc outputs.

AEGIS Power Systems, Inc. specializes in the front end design, development, and manufacture of Rapid Response Custom Switching Power Supplies for defense, industrial, telecomm, aircraft, shipboard, rack mount, electric powered vehicle, and Mil-Cots military power supply applications.

Contact Aegis for specific details on this product or about developing a similar product for your industrial, telecom or military power supply or power converter application.