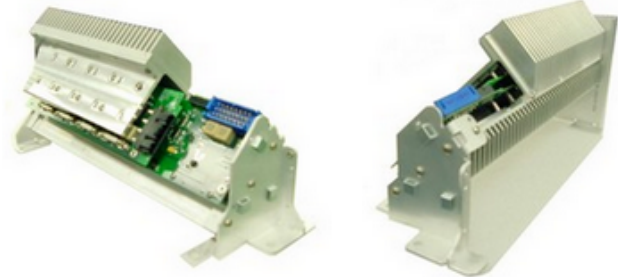


## DR2401B

### DC-DC Power Supply

(Document Rev A03 09/17/15)



**21-36Vdc Input, Quad Output, 650W Combined**

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

#### Market: Telecommunications

#### Application: Digital Receiver

#### Features

- Designed to meet portions of FCC Class "A" EMI specifications.\*
- Designed to meet UL1950 when installed in customer's chassis.\*
- Designed to meet portions of Mil-Std-810 environmental specifications.\*
- Over Voltage protection reset by recycling input power.\*
- Over Current protected with automatic recovery.\*

\*Contact AEGIS Power Systems for specifics.

#### Table 1: Specifications

Parameter	Rating	Unit	Notes
Vin Range	21-36	Vdc	
Temperature range	-10 to +75	°C	Ambient Operating
+5Vdc output	200	W	40 Amp
+3.3Vdc output	182	W	55.1 Amp
+12Vdc output	168	W	14 Amp
-12Vdc output	100	W	8.3Amp
Weight	7.7	Lbs	
Dimension	6.75" H x 15.1" W x 5.25" L (Deep)		

#### Product Highlights

This robust input filtered telecommunications dc-dc power converter operates from a nominal +28Vdc input. Outputs are factory configured for +5Vdc, +3.3Vdc, +12Vdc, and -12Vdc with 650W total combined output capability. This frame mounted COTS dc-dc power supply solution works well for Industrial, Mil-Cots, or Telecommunications 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, telecommunications or mil-cots military power supply or power converter application.