

DR2101

DC-DC Power Converter

(Document Rev A05, 09/17/15)



18-36Vdc Input, Multi-Output, 189W Combined

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

Market: Telecommunications

Application: Portable 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 Current protected with automatic recovery.*

*Contact AEGIS Power Systems for specifics.

Table 1: Specifications

Parameter	Rating	Unit	Notes
Vin Range	18-36	Vdc	+24Vdc Nominal
Temperature range	-20 to +50	°C	
+5Vdc output	75	W	15 Amps
+3.3Vdc output	75	W	22.7 Amps
+12Vdc output	24	W	2 Amps
-12Vdc output	12	W	1 Amps
+5.2Vdc	2.6	W	0.5 Amps
Weight	2.29	Lbs	Typical
Dimension	3.25" H x 2.55" W x 9.55" L		

Product Highlights

This robust input filtered telecommunications dc-dc power converter operates from a nominal +24Vdc input. Outputs are factory configured for +5Vdc, +3.3Vdc, +12Vdc, -12Vdc, and +5.2Vdc with 189W total combined output capability. This open frame chassis 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.