

GD2703

Rack Mounted AC-DC Power Supply

(Document Rev A02, 05/21/13)



3 Phase 60Hz 115Vac L-L Input, Multiple outputs, 3500W total combined output.

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

Market: Mil-Cots

Application: Underwater Optical Sonar Surveillance

Features

- Designed to meet portions of Mil-Std-461E EMI specifications.*
- Designed to meet portions of Mil-Std-810F environmental specifications.*
- Removable plug-in power modules.

* Call for details

Product Highlights

This high powered robust filtered ac-dc power supply system has multiple outputs at a combined output of 3500W. This COTS solution works well for Industry and Mil-cots applications requiring multiple outputs in a robust rack mounted power supply system.

Table 1: Specifications

Parameter	Rating	Unit	Notes
Vin	115Vac L-L	Vac	Delta Three Phase
Temperature range	-40 to +60	°C	
Output power	3500	W	All outputs combined
+5Vdc output	1195	W	239 Amps
+5Vdc output	220	W	44 Amps (Low Ripple)
-5Vdc output	100	W	20 Amps (Low Ripple)
+3.3Vdc Output	713	W	216 Amps
-3.3Vdc Output	66	W	20 Amps
+12Vdc Output	444	W	37 Amps
-12Vdc Output	12	W	1 Amp
+24Vdc Output	450	W	18.7 Amps
Weight	106	Lbs	Typical
Dimension	W=19". H=14", L=19" Fits standard 19" rack.		

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 how Aegis can aid you in developing a similar product for you industrial or military power supply or power converter application.