

CC6091

AC-DC Power Supply

(Document Rev A04, 09/17/15)



Three Phase, 60Hz, 115/208Vac Input
Single Output (factory configured from 3 available voltages)
Application: Electronic Equipment Rack

Market: Military, Aircraft

Features

- 115/208Vac 3-Phase input. Designed to meet portions of FCC Class "A" EMI specs.*
- Single Output, 144W or 96W.
- Single slot pluggable power card.
- Three output voltages available.
- N+1 redundancy.

* Contact AEGIS Power Systems for specific details.

Table 1: Maximum Ratings

Parameter	Rating	Unit	Notes
Vin	115/208	Vac	Three Phase Input
Temperature range	-20 to +60	°C	Operational
+5Vdc output*	145	W	29 Amps
+12Vdc output*	144	W	12.0 Amps
-12Vdc output*	96	W	8.0 Amps
Weight	1.45	lb	
Dimensions	6.8H x 2W x 4.9L	In.	Slide in rack card.
Cooling	Heat sink		Customer provided air.
* Factory configured for a single output voltage selected from three available output voltages.			

Product Highlights

This single slot pluggable slide-in high filtered ac-dc power supply card has a single output selectable from three available outputs (+5Vdc, +12Vdc, -12Vdc). This COTS solution works well for Mil-cots, industry, aircraft, and shipboard electronic systems. Cards may be paralleled for increased power and N+1 redundancy. Over voltage and over current protection provided. The CC6091 is designed to meet compliancy to FCC Class "A" EMI specifications and designed to be compliant to UL1950.

AEGIS Power Systems, Inc. specializes in the front end design, development, and manufacture of Rapid Response Custom Switching Power Supplies for defense, industry, telecomm, aircraft, shipboard, rack mount, electric powered vehicle, and Mil-Cots military power supply applications. Contact Aegis for specific details on what can be designed for your particular military power supply application and what portions of a particular military standard can be offered for that power supply.