Behlman’s DCS1000 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS1000 can accept a wide range of inputs and can supply a variety of DC outputs. These rugged power supplies are built to support the rigor of airborne, shipboard and mobile applications and designed to meet the input power requirements of MIL-STD-704 and MIL-STD-1399. Units are Base Plate cooled.

**INPUT**  
Input Transient protection: Per Mil-STD-1399  
-1:  85-265 VAC, 47-440 Hz, Power Factor Corrected

**OUTPUT (S): D (Dual)**  
Voltage/Current:  
56 VDC +/-1% @ 11 A  
24 VDC +/-1% @ 6A  
Load Regulation:  
0.2% Maximum (0-100%)  
Line Regulation:  
0.2% Maximum  
PARD-Ripple & Noise:  
1% Typical  
Current Limit:  
Short Circuit and Over Current Protected  
Over voltage:  
Included  
Efficiency:  
82% Typical  
Remote Sense:  
0.6V compliance

**GENERAL CHARACTERISTICS-See O&C drawing 24109**  
Isolation  
Input to Output:  
1000 VDC  
Input to Case:  
2500 VDC  
Output to Case:  
200 VDC  
Dimensional Data:  
11.32"L X 5.0"W X 2.0"H  
Weight:  
5.6 lbs  
J1- Input:  
7W2 Type Positronics  
J2- Output:  
13W6 Type Positronics

**ENVIRONMENTAL:**  
Operating Temperature: -40 to +85 degrees C Base Plate  
Storage Temperature: -40 to + 100 degrees C  
Designed to meet:  
Shock:  
MIL-S-901; MIL-STD-810  
Vibration:  
MIL-STD-167; MIL-STD-810  
Humidity:  
MIL-STD-810  
EMI/EMC:  
MIL-STD-461C/D  
RE02/102 compliance when installed in shielded enclosure