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