Behlman’s DCS2000 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS2000 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
- 85-265 VAC, 47-440 Hz, Power Factor Corrected

**OUTPUT (S):** S (Single)
- Voltage/Current: 28 VDC +/-1% @ 42 A
- 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: 81% Typical
- Remote Sense: 0.6V compliance

**GENERAL CHARACTERISTICS- See O&C drawing 24115**
- Isolation
  - Input to Output: 1000 VDC
  - Input to Case: 2500 VDC
  - Output to Case: 200 VDC
- Dimensional Data: 13.97"L X 8.0"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