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 RTCA-DO160. Units are Base Plate cooled.

**INPUT (I)** Input Transient protection: Per Mil-STD-704
-6: 115/200 VAC, 3 phase, 47-440 Hz

**OUTPUT (S):** S (Single); D (Dual); T (Triple); Q (Quad)
- **Voltage:** 60 VDC +/-1%
- **Current:** 16.7 Amps. Maximum power 1000 watts
- **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:** 85% typical
- **Remote Sense:** 0.6V compliance

**GENERAL CHARACTERISTICS**
- **Isolation**
  - Input to Output: 1500 VDC
  - Input to Case: 1500 VDC
  - Output to Case: 500 VDC
- **Dimensional Data:** 9.75"L X 5.0"W X 2.25"H (See Outline Drawing 23094)
- **Weight:** 5.5 lbs
- **J1- Input:** 5 pin connector
- **J2- Output:** 30 pin connector

**ENVIRONMENTAL:**
- **Operating Temperature:** -40 to +85 degrees C Base Plate
- **Storage Temperature:** -55 to + 100 degrees C
- **Shock:** MIL-S-901; MIL-STD-810
- **Vibration:** MIL-STD-167; MIL-STD-810; RTCA/DO-160D
- **Humidity:** MIL-STD-810
- **EMI/EMC:** MIL-STD-461C/D; RTCA/DO-160D, RE102 with proper shielding.