Behlman’s DCX1000 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCX1000 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. Units are conduction cooled via baseplate.

**INPUT (I)**
- Input Transient protection: Per Mil-STD-704
- 115/200 VAC, 3 phase, 360-440 Hz

**OUTPUT (S):**
- S (Single); D (Dual); T (Triple); Q (Quad)
- Voltage: (V) 60 VDC +/-1%
- Current: (A) 16.7 Amps. Maximum power 1000 watts
- Load Regulation: 1% Maximum (0-100%)
- Line Regulation: 1% Maximum
- PARD-Ripple & Noise: 0.3% Typical
- Current Limit: Short Circuit and Over Current Protected
- Over voltage: Included
- Efficiency: 85% typical
- Remote Sense: 0.5V 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)
  - 11.00"L over mounting feet
- Weight: 5.5 lbs
- J1- Input: DBM5W5PK127
- J2- Output: DCM21WA4SK126

**ENVIRONMENTAL:**
- Operating Temperature: -55°C to +85°C Base Plate
- Storage Temperature: -57°C to + 95°C Base Plate
- Shock: MIL-STD-810E
- Vibration: MIL-STD-810E
- Humidity: MIL-STD-810E
- EMI/EMC: MIL-STD-461E; CE101, CE102 EXCEPT 10KHZ – 30KHZ
  - MIL-STD-461C; CE101, CE102