Behlman’s DCS200 series of COTS power supplies are low cost, highly reliable, switch mode units built for high-end industrial or MIL applications. The DCS200 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
- 115/200 VAC, 3 phase, 47-440 Hz

OUTPUT(S): S (Single);
- Voltage: 82.5VDC +/-1%
- Current: 2.42 Amps. Maximum power 200 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: 79% Typical.
- Remote Sense: 0.6V compliance

GENERAL CHARACTERISTICS
- Isolation
  - Input to Output: 1500 VDC minimum
  - Input to Case: 1500 VDC minimum
  - Output to Case: 500 VDC minimum
- Dimensional Data: 7.75"L X 5.0"W X 1.15"H (See Outline Drawing 23093)
- Weight: 2.4 lbs
- J1- Input: 5 pin connector. Contact factory for options.
- J2- Output: 30 pin connector. Contact factory for options.

ENVIRONMENTAL:
- Operating Temperature: -40 to +85 degrees C Base Plate
- Storage Temperature: -40 to + 100 degrees C

Designed to meet the following MIL Standards
- Shock: MIL-S-901; MIL-STD-810
- Humidity: MIL-STD-810