

DCX1000S - 6 - (60, 16.7)-5745

P/N 94056

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
-6: 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



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