

Model: LPS-505 P/N 94029

Behlman's LPS505 series of COTS power supplies are low cost, highly reliable, low noise linear supply built for high-end industrial or MIL applications. The LPS505 is designed for shipboard operation with an isolated AC delta input per MIL-STD-1399. These rugged power supplies are built to support the rigors of shipboard and mobile applications and designed to meet the input power transients of MIL-STD-1399. Units are Base Plate cooled.

INPUT 115 VAC, 3 phase delta, 60 Hz
Maximum input power 100W

Input: Per Mil-STD-1399 300B

OUTPUT(S):

Output 1	+5VDC $\pm 0.15/-0.1V$ @ 1.3A
Output 2	+15VDC $\pm 0.3V$ @ 1.4A
Output 3	-15VDC $\pm 0.3V$ @ 1.1A
Output 4	+40VDC $\pm 0.8/-0.7V$ @ 0.1A
Output 5	-40VDC $\pm 0.8/-0.7V$ @ 0.1A
PARD-Ripple & Noise:	20mvp-p
Current Limit:	Short circuit and over-current protected.
Efficiency:	41% minimum.



GENERAL CHARACTERISTICS

Isolation	
Input to Output:	1000 VDC minimum
Input to Case:	< 1.0ma @ 900 VAC
Output to Case:	< 1ua @ 100 VDC
Dimensional Data:	9.42"L X 5.12"W X 4.188"H
J1- Input:	MS3102R-14S-2P
J2- Output:	M24308-2-3P

ENVIRONMENTAL:

Operating Temperature: -40 to +65 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
Vibration:	MIL-STD-167; MIL-STD-810; RTCA/DO-160
Humidity:	MIL-STD-810
EMI/EMC:	MIL-STD-461C/D; RTCA/DO-160D. RE102 with proper shielding.



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