

MODEL: UAV-6284

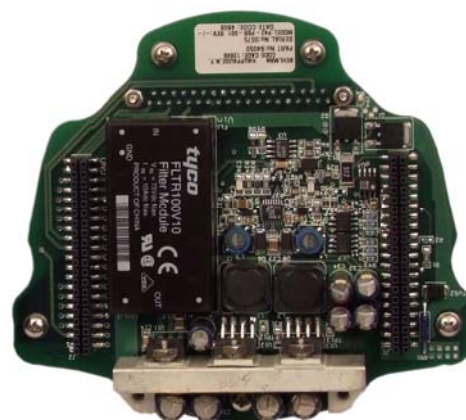
P/N: 94050

Behlman's 94050 COTS power supply is a highly reliable, switch mode units built for high-end industrial or MIL applications. The 94050 can accept a wide range Dual DC input IAW MIL-STD-704E and can supply a variety of DC outputs. This rugged power supply is built to support the rigor of airborne applications in an Unmanned Aerial Vehicle (UAV)

INPUT **Dual Input**
22-29 VDC IAW Mil-STD-704E (Host Power)
16-29 VDC (Battery Power)

OUTPUTS **Voltage/current:**
5.50 VDC @ 1.45 A (4.1 A peak)
5.00 VDC @ 2.35 A (3.5 a peak)
9.00 VDC @ 0.08 A
Prime Pwr @ 1.73 A (2.73 A peak) See Note
5.20 VDC @ 0.15 A (0.3 A peak)
Note: Depends on input voltage (16-29 VDC)

Load Regulation: 1.0% Maximum (0-100%)
Line Regulation: 0.2% Maximum
PARD-Ripple & Noise: 200 mV (0-10Mhz)
Current Limit: Short circuit and over-current protected.
Efficiency: 85% typical



GENERAL CHARACTERISTICS- see O&C drawing 23088

Non-Isolated outputs
Dimensional Data: See Outline & Connection dwg.23088
Weight: 0.45 lbs
Input/Output: J1, J2 & J3. See Outline & Connection dwg.23088

ENVIRONMENTAL:

Operating Temperature: -40 to +60 degrees C
Storage Temperature: -32 to +60 degrees C

Designed to meet the following MIL Standards

Shock: MIL-STD-810
Vibration: MIL-STD-810
Humidity: MIL-STD-810
EMI/EMC: MIL-STD-461



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