

Features

- Single Output of 28 V, up to 1000W
- 12 to 36 V Input
- Designed to meet MIL-STD-1275E
- Environmentally Sealed to IP67 (with sealed mating connector and cable assembly)
- Convection Cooled
- Efficiency up to 96%
- Ripple 240 mVp-p
- Regulation 5%, line and load
- Non-Isolated



Actual appearance may vary to that shown above.

Brief Description

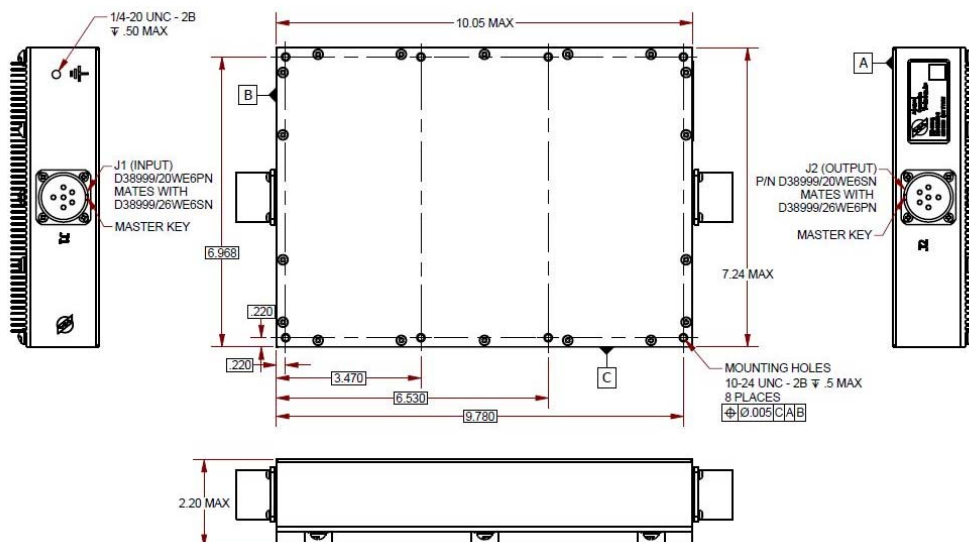
This environmentally sealed DC-DC power supply is designed to meet harsh environments. It complies with the input voltage requirements of MIL-STD-1275E. It is compact in size, weighs 8.1 lbs, and is convection cooled.

Environment

Temperature: -40°C to +71°C operating
-40°C to +85°C non-operating
Vibration: MIL-STD-202*
Shock: MIL-STD-202*
EMI: Per MIL-STD-461*

* designed to meet

Outline Drawing:



Size: 10.05 x 7.24 x 2.20 in

Connectors: Input (J1): D38999/20WE6PN, Output (J2): D38999/20WE6SN

For additional details, please contact ACT at (717) 939-2300 or salesinfo@actpower.com

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Voltage and Output Power

Vin	Vout	Max Output Power
12 to 15 VDC	28 VDC	475 W
16 to 19 VDC	28 VDC	650 W
20 to 24 VDC	28 VDC	850 W
25 to 36 VDC	28 VDC	1000 W

Notes:

- 1) 1000 W can be achieved for 1 second with 12 VDC input voltage and 30 seconds with 16 VDC input voltage.
- 2) Maximum current is 35.7 A.
- 3) Output performance is derated linearly from 0% at 50°C to 30% at 71°C