

Features

- Single Output of 18 V, up to 360W
- 12 to 36 V Input
- Meets MIL-STD-1275E
- Environmentally Sealed to IP67 (with sealed mating connector and cable assembly)
- 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, military environments. It complies with the input voltage requirements of MIL-STD-1275E. It is compact in size, weighs 4.5 lbs, and is natural 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

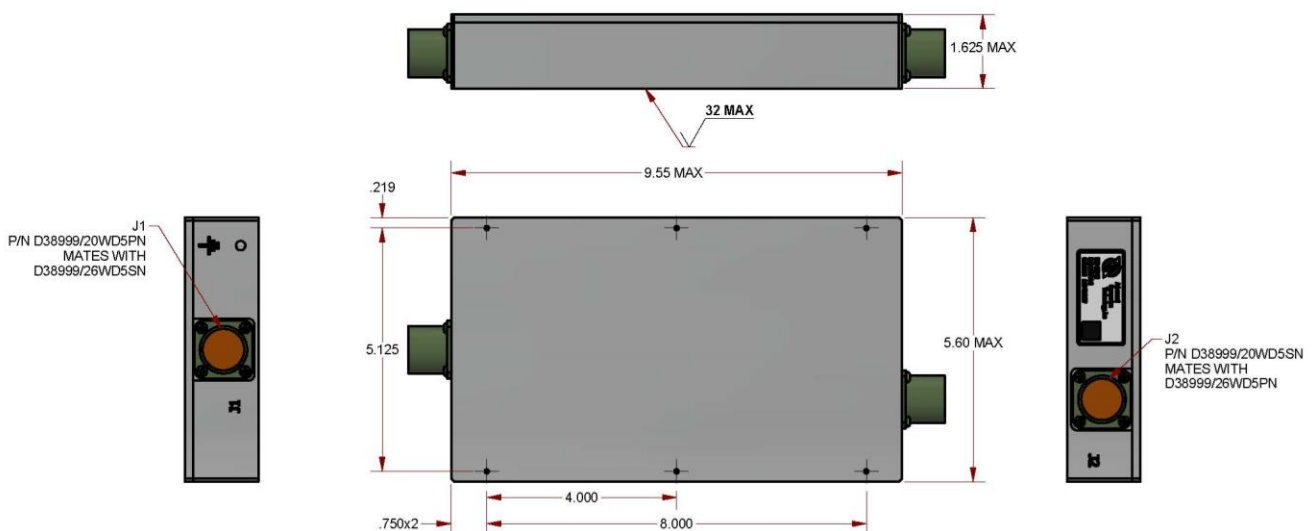
Voltage and Output Power

Vin	Vout	Max Output Power
12 to 13 VDC	18 VDC	315 W
14 to 18 VDC	18 VDC	338 W
19 to 36 VDC	18 VDC	360 W

Notes:

- 1) 360W can be achieved for 1 second with 12 VDC input voltage and 30 seconds with 16 VDC input voltage.
- 2) Maximum current is 20 A.
- 3) Output performance is derated linearly from 0% at 50°C to 22% at 71°C.

Outline Drawing:



Size: 9.55 x 5.60 x 1.625 in

Connectors: Input (J1): D38999/20WD5PN, Output (J2): D38999/20WD5SN

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

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2001 Fulling Mill Road • Middletown PA 17057 • 717 939-2300 • F: 717 939-7170 • www.actpower.com

