

## Features

- Single Output of 28 V, up to 2000 W
- 12 to 36 V Input
- Meets MIL-STD-1275E
- Environmentally Sealed
- Natural Convection Cooled
- Efficiency up to 96%
- Ripple 240 mVp-p
- Regulation 5%, line and load
- Non-Isolated



## 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 9 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

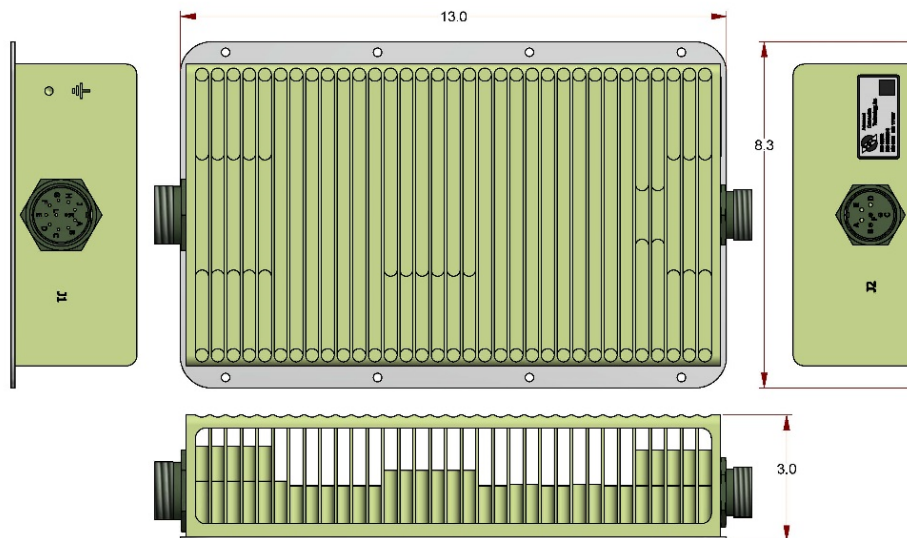
## Voltage and Output Power

Vin	Vout	Max Output Power
12 to 15 VDC	28 VDC	1170 W
16 to 19 VDC	28 VDC	1580 W
20 to 36 VDC	28 VDC	2000 W

### Notes:

- 1) 2000 W can be achieved for 1 second with 12 VDC input voltage and 30 seconds with 16 VDC input voltage.
- 2) Maximum current is 71.4 A.
- 3) Output performance is derated by 30% at 71 °C.

## Outline Drawing:



**Size:** 10.0 x 8.3 x 3.0 in

**Connectors:** Input (J1): D38999/24WG11PN, Output (J2): D38999/24WES6SN

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

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