

Features

- Single Output of 28 V at 1200 W
- 92-138 VAC, Single Phase, 47-63 Hz Input
- Environmentally Sealed
- Natural convection
- Efficiency > 89%
- Ripple < 1%
- Regulation $\pm 1\%$, line and load
- Isolated input to output
- Tested to meet MIL-STD-1399-300B
- Holdup of 20ms @ Full Load



Actual appearance may vary to that shown above.

Brief Description

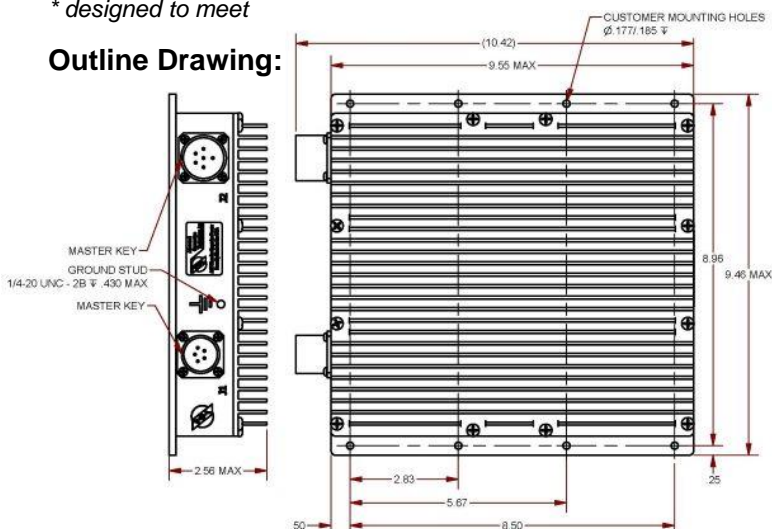
This environmentally sealed AC-DC power supply is designed to meet harsh environments. Unit is power factor corrected with a minimum power factor of 0.9. The THD is <5%. It is densely packaged, weighs 10 lbs, and includes temperature protection. The attached heatsink allows either natural convection cooling or cooling with customer supplied fans. See chart for derating info.

Environment

Environment MIL-STD-810*
 Temperature: -40°C to +71°C operating
 -40°C to +85°C non-operating
 Vibration: MIL-STD-202*
 Shock: MIL-STD-202*
 EMI: MIL-STD-461, CE101 and CE102

* designed to meet

Outline Drawing:



Size: 10.42" x 9.46" x 2.56" (Connectors included in dimension)

Connectors: J1 (Input): D38999/20WD5PN, J2 (Output): D38999/20WE6SN

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

Voltage and Output Power

Vin	Vout	Max Output Power ¹
92-138 VAC, Single Phase 47-63 Hz	28 VDC	1200 W

¹At 25°C, output power at 55% of 1200W with no airflow and 100% of 1200W with 622 LFM.

¹At 71°C, output power at 25% of 1200W with no airflow and 68% of 1200W with 622 LFM.

Notes:

- 1) Alternate configurations are possible. Contact ACT at (717) 939-2300 or salesinfo@actpower.com for details.
- 2) Meets IP-67 with mating connectors attached.
- 3) 71°C ambient maximum recommended operating ambient temperature

