

## Features

- Single Output of 24 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

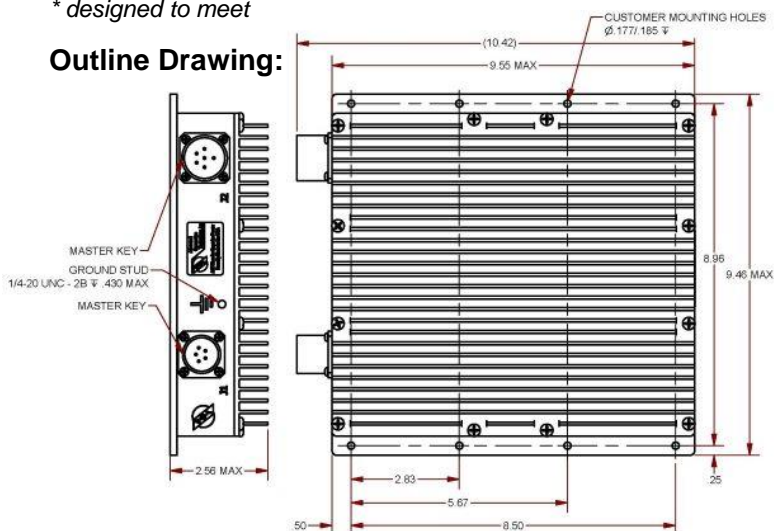
This environmentally sealed AC-DC power supply is designed to meet harsh environments. Unit is power factor corrected with a minimum power factor of 0.9. The THD is <5%. It is densely packaged, weighs 10 lbs, and includes temperature protection. The attached heatsink allows either natural convection 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](mailto:salesinfo@actpower.com)

## Voltage and Output Power

Vin	Vout	Max Output Power <sup>1</sup>
92-138 VAC, Single Phase 47-63 Hz	24 VDC	1200 W

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

<sup>1</sup>At 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](mailto:salesinfo@actpower.com) for details.
- 2) Meets IP-67 with mating connectors attached.
- 3) 71°C ambient maximum recommended operating ambient temperature

