

Features

- Single Output of 24 V, up to 2000 W
- 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 280 mVp-p
- Regulation 5%, line and load
- Non-Isolated (input to output)



Actual appearance may vary to that shown above.

Brief Description

This environmentally sealed, conduction cooled DC-DC power supply is designed to meet military environments. It complies with the input voltage requirements of MIL-STD-1275E. It is compact in size and weighs 13 lbs. Input to Output is non-isolated. Input/Output to Chassis >10MΩ.

Environment

Temperature: -40°C to +71°C operating
-40°C to +85°C non-operating
Vibration: MIL-STD-202G, Method 214A*
Shock: MIL-STD-202G, Method 213B*
EMI: MIL-STD-461G, CE102*

*designed to meet

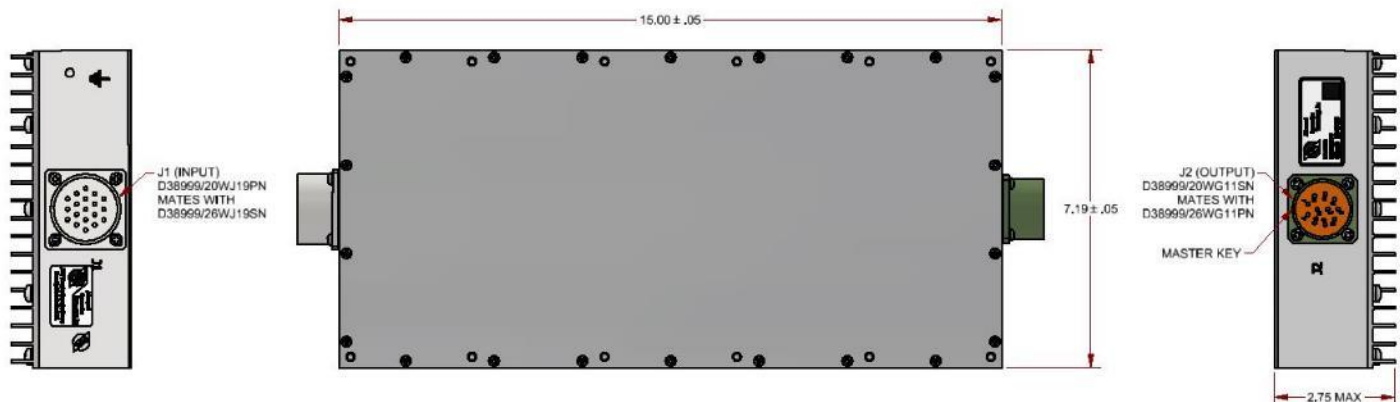
Voltage and Output Power

Vin	Vout	Max Output Power
12 to 16 VDC	24 VDC	950 W
17 to 19 VDC	24 VDC	1300 W
20 to 23 VDC	24 VDC	1800 W
24 to 36 VDC	24 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 83.3 A.
- 3) Output performance is de-rated linearly from 0% at 50°C to 30% at 71°C.

Outline Drawing:



Size: 15.00 x 7.19 x 2.75 in

Connectors: Input (J1): D38999/20WJ19PN (mates with D38999/26WJ19SN)
Output (J2): D38999/20WG11SN (mates with D38999/26WG11PN)

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

