Advanced Conversion Technology

ACT Now for Superior Power

Power Supply Specification
DC-DC
ACT SW2511002-22

Features

- Single Output of 22 V, up to 1760 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	22 VDC	1180 W
16 to 19 VDC	22 VDC	1470 W
20 to 36 VDC	22 VDC	1760 W

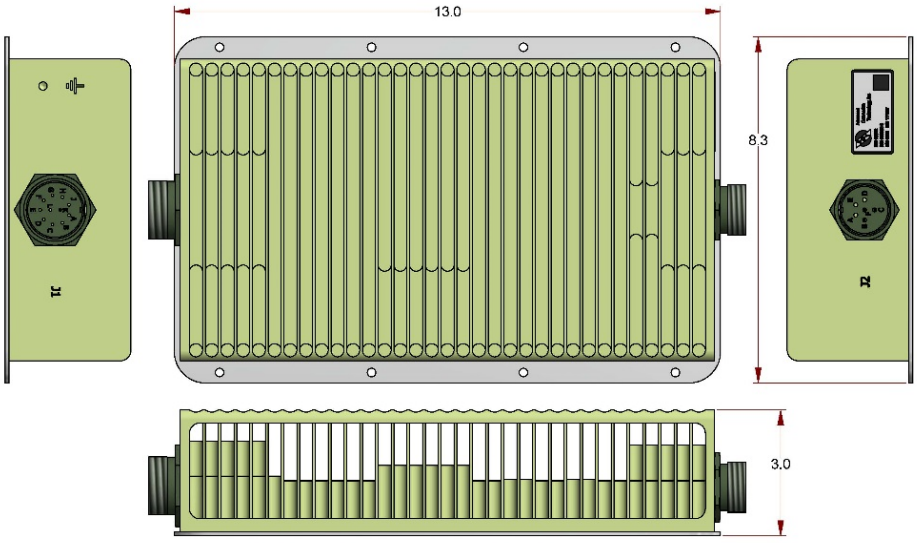
Notes:

1) 1760 W can be achieved for 1 second with 12 VDC input voltage and 30 seconds with 16 VDC input voltage.

2) Maximum current is 80.0 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

© 2017, All Rights Reserved, Specifications subject to change without notice

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