



Advanced Conversion Technology, Inc.

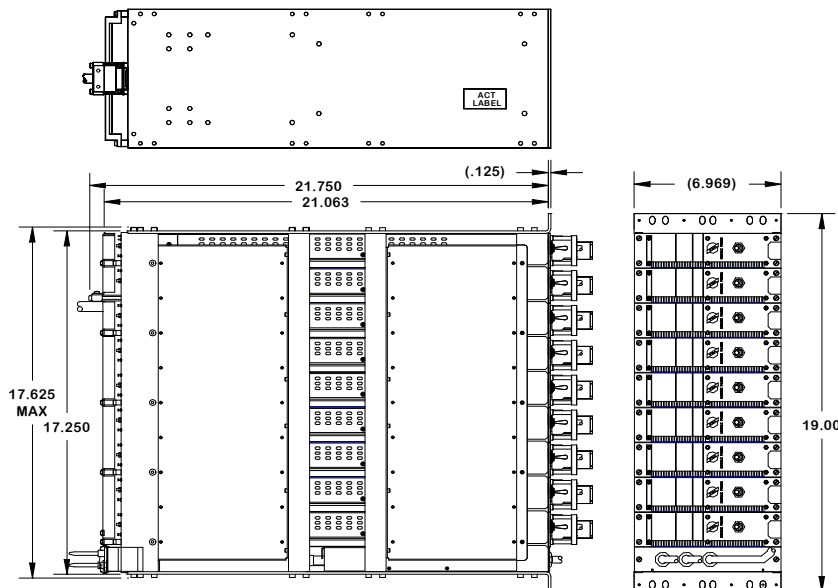
LOW HARMONIC DISTORTION THREE PHASE 9KW AC/DC POWER SUPPLY SR - 21611

This multi-kilowatt AC/DC power supply operates from 115 Vrms, three phase, 60 Hz delta MIL-STD-1399 Section 300A input power. It produces an isolated 150 VDC output voltage which powers other electronic devices that utilize universal input power supplies. This approach allows new modules to be easily incorporated into a rack with minimum concern with regards to conducted EMI and harmonic distortion requirements.



FEATURES

- < 3% Harmonic Distortion
- Submarine Environment
- Power Factor > 0.99
- 1 kW to 9 kW Output Power
- Modular Design
- EMI Filtering
- N+1 Redundancy
- 70 msec Hold Up Time
- Self Contained Fans
- Fully Isolated



ELECTRICAL CHARACTERISTICS

Input Voltage: 115 Vrms, 3 Phase, 60 Hz Floating Neutral per MIL-STD-1399 Section 300A

Output:

Voltage: +150 VDC
Power: 1 kW to 9 kW
1 kW Modules
Inverter Modules
A Family of Output Modules

Environmental:

Submarine Cabinet Environment
Temperature Range: 0°C to +50°C
Vibration: MIL-STD-167, 4 to 20 Hz
Shock: 15 G peak, 40 msec ½ sine wave
EMI: MIL-STD-461E Qualified
Weight: 110 lbs

Specifications subject to change without notice

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