



# Advanced Conversion Technology, Inc.

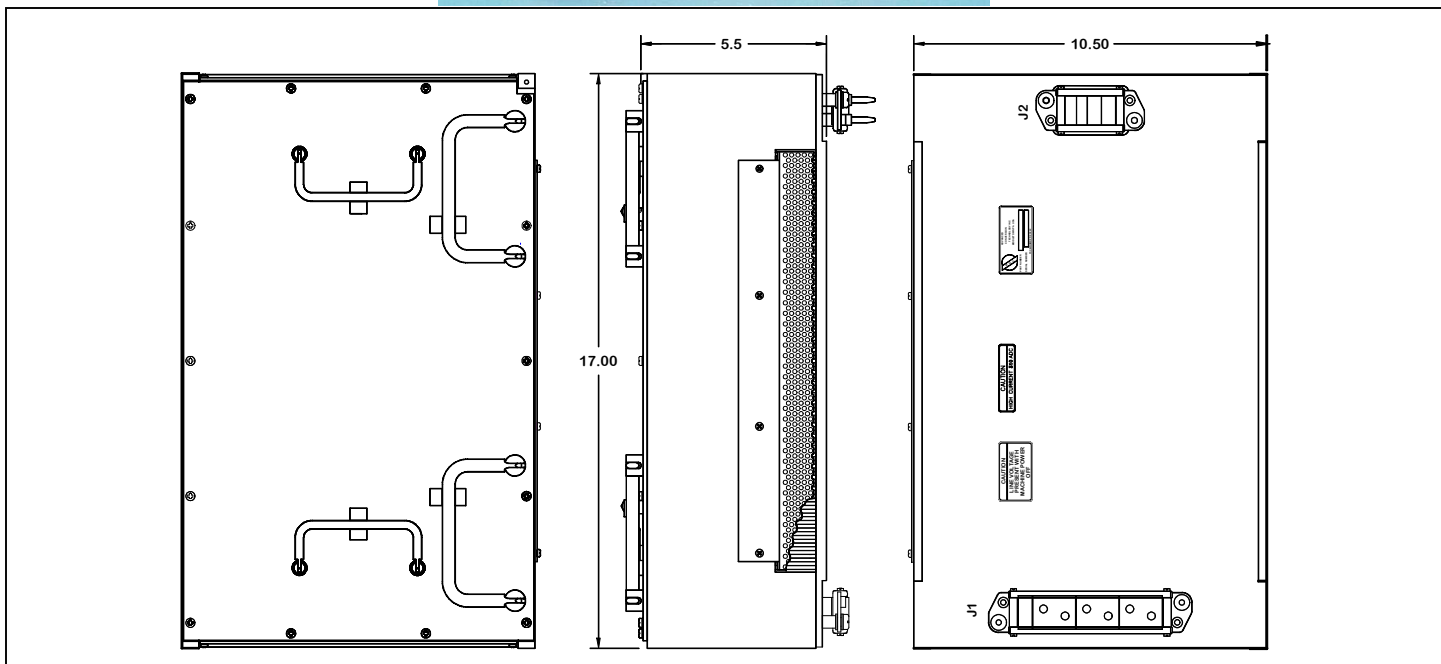
## MULTI-OUTPUT HIGH CURRENT AC/DC POWER SUPPLY SR - 2166

This low voltage AC/DC multi-output power supply operates from 115VAC, three phase, 400 Hz and produces 6 DC output voltages. Off the shelf DC/DC brick type converters have been used in this design to achieve a high density, high current (400 amps) power supply. The rugged construction, intergrated heatsink and Hi-Rel workmanship insures a reliable design.



### FEATURES

- 400 amp Output Current
- >2,200W of Output Power
- 6 Regulated Outputs
- Forced Air Cooling
- Rugged Design
- Over Current Protection
- Over Voltage Protection
- Temperature Monitoring
- Output Voltage Monitoring
- ON/OFF Control



### ELECTRICAL CHARACTERISTICS

**Input Voltage:** 115 VAC, Three Phase, 400 Hz, 5 Wire, Y Grounded Neutral

#### Outputs:

- +5.1 VDC @ 400 amps
- +12 VDC @ 8 amps
- 12 VDC @ 4amps
- +3.3 VDC @ 12 amps
- +5.0 VDC @ 0.5 amps
- +26 VDC @ 0.1 amps

#### Environmental:

- Airborne Inhabited Fighter
- Temperature Range: -20°C to +55°C
- Vibration: 6 g's RMS Random
- Shock: 15 g peak, 20 msec 1/2 sine wave
- Altitude: 30,000 ft
- Weight: 30 lbs

**Connector:** Input: Hypertronics, LPH7/2BMSTH/2WMRTH/TH

Output: Hypertronics, LEH20/1DFST/3PFGT/TAH

Specifications subject to change without notice

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