ACDC1200-125-TB- 5292
MASTER CLOCK

INPUTS:
AC - 120VAC ±10%, single phase, 47-63 Hz
DC - 125 VDC ±20%
Maximum DC burden (full load): 15 amps DC @ 100 VDC.

OUTPUT
- Power: 1200 VA
- Voltage: 120 VAC ± 5%, Isolated and floating
- Frequency: 100 Hz
- Current: 10 Amps
- Crest Factor: 3:1
- Waveform: True Sine wave output
- Distortion: Less than 5% THD typical.
- Power Factor: 100% of rated output into any power factor load.
- Efficiency: 80 % typical
- Switch over time AC to DC input: Zero

PROTECTION CIRCUITS
- Input: Main Circuit breaker
- Short Circuit Protection: Short circuit overload electronically latches output to protect load.
- Thermal Protection: Internal temperature sensor prevents heat damage.

CONTROLS AND INDICATORS
- Power On/Off: Circuit Breaker
- Four LED’s: AC Present, DC Present, AC Output and System OK

ALARM CONTACTS
- Four contact closures: NO AC, NO DC, NO AC OUT & System Fail.
- Contact Rating: 0.6 Amps @ 125 VAC; 0.6 Amps @ 125 VDC

MECHANICAL SPECIFICATIONS
- Dimensions: High strength 19” Rack Mount chassis, 5.25”H x 19”D.
  Mounted in a table top cabinet 8.2”H x 25.2”D x 19.7”W
- Weight: 95 lbs.
- Input Connections: Barrier type terminals with # 8 screws
- Output Connections: Option TB: Barrier type terminals
- Alarm Connections: Barrier type terminals with #6 screws.

ENVIRONMENTAL SPECIFICATIONS
- Operating Temperature: -20° to +55° C.
- Humidity: Up to 95% non-condensing
- SWC: Designed to meet IEEE C37.90.1
- Fast Transient: Designed to meet IEEE C37.90.1
- EMI: Designed for immunity to conducted & radiated EMI.
- RFI: Designed to meet IEEE C37.90.2-1997

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ACDC1200-5292SS02 Apr06