

ACDC1200-125-TB- 5292 MASTER CLOCK

INPUTS:

AC - 120VAC \pm 10%, single phase, 47-63 Hz

DC - 125 VDC \pm 20%

Maximum DC burden (full load): 15 amps DC @ 100 VDC.



OUTPUT

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|------------------|--|
| Power: | 1200 VA |
| Voltage: | 120 VAC \pm 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

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|---------------------------|---|
| 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

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|---------------|---|
| Power On/Off: | Circuit Breaker |
| Four LED's: | AC Present, DC Present, AC Output and System OK |

ALARM CONTACTS

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|------------------------|--|
| 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

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|---------------------|--|
| 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

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|------------------------|--|
| 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 |

World Headquarters

80 Cabot Court Hauppauge, NY 11788
(631) 435-0410 (800) 874-6727 Fax (631)951-4341

BEHLMAN

e-mail: sales@behlman.com
Web-site: www.behlman.com

West Coast Office

4532 Telephone Road Suite 103 Ventura, CA 93003
(805) 642-0660 (800) 456-2006 Fax (805) 642-0790
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