

# Emergency Vehicle Inverter-Charger

## 12-1200IC-EV "Pure Sine" Series

### Features & Highlights

- Pure-sine wave DC to AC power inverter-charger designed for Emergency Vehicles
- Hospital-grade Ground Fault Circuit Interrupter outlet protection, output circuit breaker
- Remove ON/OFF switch hookup for positive or negative start, transfer relay
- LED for inverter power, low battery, overload and high temperature
- 3 stage battery charger; automatic conditioning; selectable between wet and sealed lead acid batteries; selectable between small and large battery banks
- Thermally-controlled cooling fan with optional temperature compensated charging
- Optional remote status panels: Charger Status and Inverter Status
- Automatic electronic short circuit/overload protection and high temperature shutdown
- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)
- Warranty: Full 2 year parts and factory labor

See catalog for full line of Inverter-Chargers



### Inverter Specifications

|   |   |
|---|---|
| <b>Model Number</b>                       | <b>12-1200IC-EV</b>                         |
| <b>Output Power (Watts Cont.)</b>         | 1200  |
| <b>Output Voltage (Volts AC)</b>          | 120 ± 5%                                    |
| <b>Output Frequency (Hz)</b>              | 60Hz ± 0.05%                                |
| <b>Output Waveform</b>                    | Pure sine                                   |
| <b>Input Voltage (Volts DC)</b>           | 11 to 14                                    |
| <b>Output Current (Amps AC)</b>           | Up to 10                                    |
| <b>Peak Output (Amps AC)</b>              | 30  |
| <b>Input Current (Amps DC)</b>            | Up to 120                                   |
| <b>Operating Temperature</b>              | -20°C to 40°C (0°F to 104°F)                |
| <b>Efficiency</b>                         | Up to 88%                                   |
| <b>Weight (lbs)</b>                       | 32  |
| <b>Dimensions (LxWxH, inches)</b>         | 12 x 11.5 x 6.9                             |
| <b>Transfer Relay</b>                     | <b>Fail-safe shore power transfer relay</b> |
| <b>Relay Current Rating (Amps AC)</b>     | 13  |
| <b>Relay Transfer Time (milliseconds)</b> | Less than 16 typical                        |
| <b>Battery Charger</b>                    | <b>3 Stage</b>                              |
| <b>Output Current (Amps DC)</b>           | Up to 55                                    |
| <b>Input Current (Amps AC)</b>            | Up to 13                                    |



Newport Beach, CA USA

DC Power Onboard - Emergency & Specialty Vehicles

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