

INVERTER-CHARGER

12-1200IC-EV "Pure Sine" Series

Features

- Pure-sine wave DC to AC power inverter-charger designed for Emergency Vehicles
- Low noise output will not interfere with radios and sensitive electronics
- Hospital-grade Ground Fault Circuit Interrupter outlet protection, output circuit breaker
- Remote ON/OFF switch hookup for positive or negative start, transfer relay
- Front panel LED indicates 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
- Temperature compensated charging via remote sense wire
- Thermally-controlled cooling fan with optional temperature compensated charging
- Automatic electronic short circuit/overload protection and high temperature shutdown
- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)
- UL Listed
- 3 Year Warranty



Specifications: Inverter

Output Power (Watts Cont.): 1200
Output Voltage (Volts AC): 120 ± 5%
Output Frequency (Hz): 60Hz ± 0.05%
Output Waveform: Pure sine
Input Voltage (Volts DC): 11 to 14
Output Current (Amps AC): Up to 10
Peak Output (Amps AC): 30
Input Current (Amps DC): Up to 120
Operating Temperature: -20°C to 40°C (0°F to 104°F)
Efficiency: Up to 88%

Transfer Relay: Fail-safe shore power transfer relay

Relay Current Rating (Amps AC): 13
Relay Transfer Time (milliseconds): Less than 16 typical

Specifications: 3 Stage Battery Charger

Output Current (Amps DC): Up to 55
Input Current (Amps AC): Up to 13

Optional Remote Panels



Charger Status Panel



Inverter Status Panel

Part Number	Description	Electrical Data			Dimensions			Wgt.
		Input	Amps	Output	H	W	D	
430-1200-0	12-1200IC-EV	12VDC	120	1200W @ 120VAC	6.9"	11.5"	12"	32
020-4289-0	CSD, Inverter Status Display Panel - 20' wiring				2"	3"	.5"	.5
020-4290-0	CSD, Charger Status Display Panel - 20' wiring				2"	3"	.5"	.5