

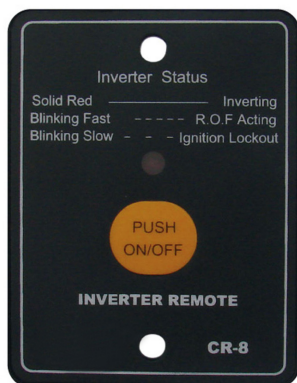
# INVERTER

## SP Series Pure Sine Wave

### Features

- 700-4000 watt continuous / 1230-8000W surge
- Pure sine wave AC power
- Power save mode conserves battery when not in use
- Built in advanced microprocessor to make friendly interface with user
- RS-232 communication
- AC duplex outlet on front panel
- Temperature and load controlled cooling fan
- Output voltage (100, 110, 115 & 120) DIP switch selectable
- Output frequency (50/60 Hz) DIP switch selectable
- Lightweight, rugged compact case, ideal for emergency vehicle applications
- E-13 / UL / CE / FCC approved
- 3 year warranty

### Optional Remote Indicator



### Specifications: Inverter

**Output Power, Continuous:** 700-4000W

**Output Power, Surge:** 1230-8000W

**Output Voltage:** 100 / 110 / 115 / 120 Vac

**Output Frequency:** 50 / 60 Hz  $\pm$  0.05%

**Output Waveform:** Pure sine

**Input Voltage:** 10.5 to 16.5 Vdc

**Input Efficiency:** Up to 88%

**Input Under Voltage Protection:** 10.5  $\pm$  0.3 Vdc

**Input Under Voltage Alarm:** 11.0  $\pm$  0.3 Vdc

**Input Under Voltage Recovery:** 12.5  $\pm$  0.3 Vdc

**Input Over Voltage Protection:** 16.5  $\pm$  0.3 Vdc

**Input Over Voltage Recovery:** 14.5  $\pm$  0.3 Vdc

**Output Overload:** Shutdown output voltage, restart to recover

**Output Short:** Shutdown output voltage, restart to recover

**Operating Temperature:** 0°F to 104°F (-20°C to 40°C)

Part Number	Description	Electrical Data			Dimensions			Wgt.
		Input	Output		L	W	H	
450-0700-0	SP-700 Inverter	12Vdc	700W cont	1230W surge	12.99"	7.87"	3.27"	6.0
450-1000-0	SP-1000 Inverter	12Vdc	1000W cont	1750 surge	14.65"	7.87"	3.27"	7.1
450-1500-0	SP-1500 Inverter	12Vdc	1500W cont	2650 surge	16.57"	9.76"	3.27"	9.1
450-2000-0	SP-2000 Inverter	12Vdc	2000W cont	3500 surge	17.44"	9.76"	3.27"	11.5
450-3000-0	SP-3000 Inverter	12Vdc	3000W cont	6000 surge	17.40"	10.04"	6.22"	18
450-4000-0	SP-4000 Inverter	24Vdc	4000W cont	8000 surge	18.19"	10.04"	6.22"	22
450-0050-0	CR-8, Inverter Remote Indicator				2.76"	2.11"		1.0