

# SPS SERIES INVERTERS

## EMERGENCY POWER SYSTEMS

### STANDARD



### DESCRIPTION

- Mini-electrical inverter systems for powering up to 220W/250VA of incandescent, fluorescent, induction or LED lighting loads. Pulse width modulated (PWM) output design provides clean, 60Hz, sinusoidal emergency power to loads.
- Models are available for surface, recessed or T-Grid mounting as required.

### ELECTRICAL SPECIFICATIONS

#### Input

- Input Voltages: 120 or 277VAC  $\pm 10\%$
- Input Frequencies: 60Hz  $\pm 2\%$
- Input Protection: AC Line Fuses

#### Output

- Output Voltages: (60Hz) 120 or 277VAC
- Waveform: Sinusoidal (digitally controlled)
- Output Frequencies: 60Hz.  $\pm 0.3\text{Hz}$  during emergency cycle
- Output Distortion: Less than 3% THD (linear load)
- Output Protection: Line and inverter fuses

### HOUSING

- Heavy duty steel cabinet is finished in white baked-on powder paint providing scratch and corrosion resistance.
- Optional special color paint (-SP) finishes are available, consult factory.

### SYSTEM OPTIONS

MODEL	WATTAGE	VA RATING	OPTION	
SPS	55 <sup>1</sup>	55	-S	Surface Mount Housing
	110	110	-R	Recess Mount Housing <sup>3</sup>
	220 <sup>2</sup>	110	-T	Plenum Rated Ceiling T-Grid Mount Housing <sup>3</sup>
		220	-SP	Special Housing Color (specify)
			-4C	4 Output Circuit Switching

(1) Available only with 125 VA Rating

(2) Available only with 250 VA Rating

(3) Available with 55/125 and 110/125 models only



True Sinusoidal Output Power

### MOUNTING

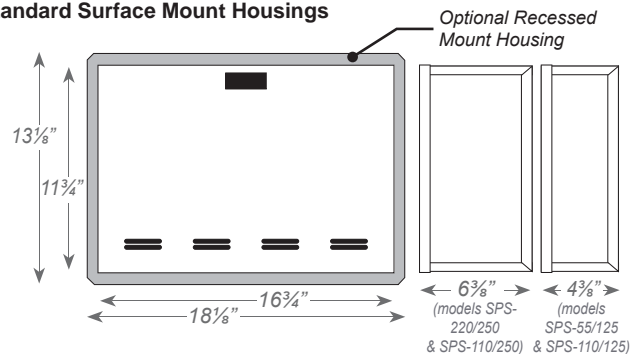
- **Surface Mount (Standard Models):** Surface mount models are designed for mounting to walls by means of keyhole slots provided in the back of the unit housing.
- **Recess Mount (SPS-55/125, SPS-110/125 Only):** Recess models provide recess mounting holes on both sides of the enclosure.
- **T-Grid Mount (SPS-55/125, SPS-110/125 Only):** Housing design allows simple drop-in installation between T-grid runs. Safety wires (supplied by others) are required for attachment to building structure.

### WARRANTY / LISTING

- **Unit:** (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.
- **Battery:** 3 years full warranty plus an additional 7 years of pro-rata coverage.
- All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Optional T-Grid models are plenum rated.

### DIMENSIONS

#### Standard Surface Mount Housings



#### Optional Ceiling T-grid Mount Housing

