

Catalog Number
Notes
Type



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 field selectable.
- Input Frequencies: 60Hz ± 2%
- Input Protection: AC Line Fuses.

Output

- Output Voltages: (60Hz) 120 or 277VAC.
- Waveform: Sinusoidal (digitally controlled, PWM design).
- Output Frequencies: 60Hz. ± 0.3Hz 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 Sample Part Number: MPS-55/125-R

MODEL	WATTAGE	VA RATING	ADD SUFFIX	DESCRIPTION
MPS-55/125	55 ¹	125	-S	Surface Mount Housing
MPS-110/125	110	125	-R	Recessed Mount Housing ¹
MPS-110/250	110	250	-T	Plenum Rated Ceiling T-Grid Mount Housing ¹
MPS-220/250	220 ²		-SP	Special Housing Color (specify)
			-4C	4 Output Circuit Switching
			-RTS	Remote Test Switch Panel
			-AO	Adjustable Output / Dimmer Bypass
			-SDT	Self-Diagnostics / Self-Test
			-CEC	Title 20 Compliant ¹ plia

¹ Available with 125VA rating only.
² Available with 250VA rating 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:** (MPS-55/125, MPS-110/125 Only): Recessed models provide recess mounting holes on both sides of the enclosure.
- **T-Grid Mount:** (MPS-55/125, MPS-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.

OPTIONS

- CEC: Certified to CEC under Title 20 regulations.

WARRANTY / LISTING

- **Unit:** (excluding lamps) Full coverage against defects in materials and workmanship for three years from date of shipment.
 - **Battery:** Three years full warranty plus an additional seven 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, and meet City of Chicago CCEA requirements.

UL listed for damp locations (20°C – 30°C).

DIMENSIONS

