

MPS SERIES INVERTERS

Surface Mount
Models



EMERGENCY MICRO POWER SYSTEMS

True Sinusoidal
Output Power

STANDARD



DESCRIPTION

- MPS Series inverter systems are designed to provide sinusoidal AC emergency power to connected incandescent, fluorescent or LED fixtures of between 20 and 55 watts.
- Surface, recessed or ceiling T-Grid mount models are designed for easy installation either on or near controlled fixtures. MPS models support Normally-ON, Normally-OFF or SWITCHED operation.

ELECTRICAL SPECIFICATIONS

Input

- Input Voltages: (60Hz) 120 or 277VAC $\pm 10\%$
- Input Frequencies: 60Hz $\pm 2\%$
- Input Protection: Provided by Service Panel, Rated 20A max.

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: Inverter fuse

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 ^{(1) (2)}

MODEL	SUFFIX	CAPACITY for 1½ Hrs		DESCRIPTION
		WATTS	VA	
MPS-32	-S	32	125	Surface Mount Housing
MPS-55	-R	55	125	Recess Mount Housing
MPS-20	-T	20	250	Plenum Rated Ceiling T-Grid Mount Housing
MPS-35	-SP	35	250	Special Housing Color (specify)

⁽¹⁾ Other options available. Consult factory.

⁽²⁾ Some options may impact product UL listing. Consult factory.

MOUNTING

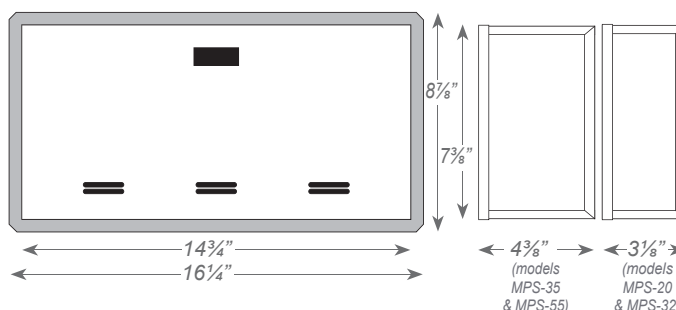
- Surface Mount:** Surface mount models are designed for mounting to walls by means of keyhole slots provided in the back of the unit housing.
- Recess Mount:** Recess models provide recess mounting holes on both sides of the enclosure.
- T-Grid Mount:** Housing design allows simple drop-in installation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

WARRANTY / LISTING

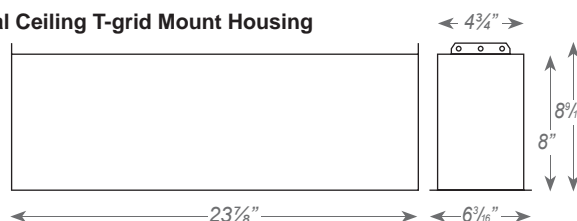
- Unit:** (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.
- Battery:** 3 years full warranty plus an additional 7 years of pro-rata coverage.
- All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.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

DIMENSIONS

Standard Surface Mount Housings



Optional Ceiling T-grid Mount Housing



BALLASTS

MPS