

Catalog Number
Notes
Type



### DESCRIPTION

- MPS Mini AC Power 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: 120 or 277VAC field selectable.
- Input Frequencies: 60Hz ± 2%
- Input Protection: Provided by Service Panel, Rated 20A max.

#### 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: 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<sup>1,2</sup> SAMPLE PART NUMBER: MPS-32-R

MODEL	CAPACITY for 1½ Hrs		ADD SUFFIX	DESCRIPTION
	WATTS	VA		
MPS-32	32	32	-S	Surface Mount Housing
MPS-55	55	55	-R	Recessed Mount Housing
MPS-20	20	20	-T	Plenum Rated Ceiling T-Grid Mount Housing
MPS-35	35	35	-P	Special Housing Color (specify)
			-RTS	Remote Test Switch Panel <sup>3</sup>
			-SDT	Self-Testing/Self-Diagnostic <sup>3</sup>
			-CEC	Title 20 Compliant

<sup>1</sup>Other options available. (Consult Factory)

<sup>2</sup>Some options may impact UL Listing

<sup>3</sup>Separate spec sheets are available. (Consult Factory)

True  
Sinusoidal  
Output Power



### 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.

### OPTIONS

- CEC: Certified to CEC under Title 20 regulations

### WARRANTY / LISTING

- Unit:** (excluding lamps) Full coverage against defects in material and workmanship for three 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, and meet City of Chicago CCEA requirements.
- UL listed for damp locations (0°C – 50°C for NiCd 20W/35W models and 20°C – 30°C for 20W/35W lead calcium models).

### DIMENSIONS

