

ISI - MICRO

20-55 WATT APPLICATIONS

Mini Emergency Power Source for LED, Incandescent, and Fluorescent

Description

MICRO Series inverter systems are designed to provide sinusoidal AC emergency power to connected incandescent, fluorescent, or LED fixtures between 20 and 55 watts. (Nicad batteries on 20 and 35W.)

Surface, recessed or ceiling T-grid mount models are designed for easy installation either on or near controlled fixtures. MICRO models support normally-on, normally-off, switched operation or any combination thereof.

Electrical Specifications

Input

Input voltages: 120 or 277 VAC

Input frequencies: 60 Hz

Input Protection: Provided by service panel, rated at 20A max.

Output

Output voltages: 120 or 277VAC (60 Hz)

Efficiency Rating: 98% at full load (line)

Waveform: Sinusoidal (digitally controlled, PWM design)

Static Voltage: $\pm 5\%$ during battery discharge. 0-100% linear load

Output Frequencies: 60Hz. ± 3 Hz during emergency cycle

Output Distortion: Less than 3% THD (linear load)

Transfer Time: Less than 1.0 second

Load Power Factor Range: .44 lead to .44 lag

Minimum Loading: 0% of rated system capacity

Output Protection: Inverter fuse

Housing

Heavy duty steel cabinet is finished in white baked-on powder providing scratch and corrosion resistant.

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.

Ordering Guide

MICRO-20-NC

MICRO-32

MICRO-35-NC

MICRO-55

Options:

-S (surface)

-R (recessed)

-T (t-grid)



Warranty/Listing

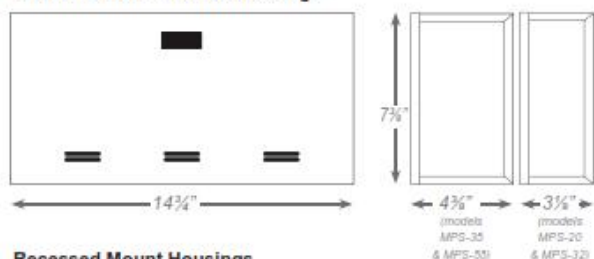
Unit: (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.

Battery: 3 years full warranty plus an additional 7 years of pro-rata coverage.

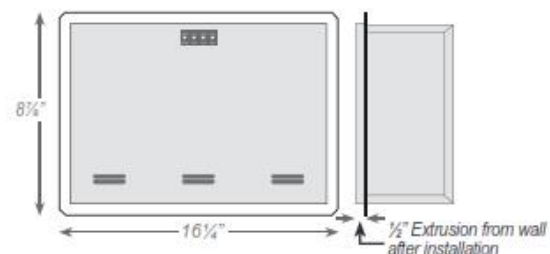
All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Optional T-Grid models are plenum rated.

Dimensions

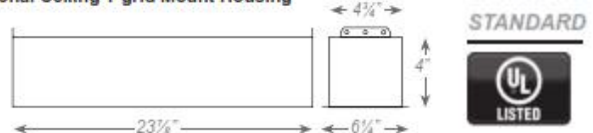
Standard Surface Mount Housings



Recessed Mount Housings



Optional Ceiling T-grid Mount Housing



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