

# ISI-MICRO Series

## Mini Emergency Power Source



**Inverter Systems, Inc.**

WWW.INVERTERSYSTEMSINC.COM

## 20-55 WATT APPLICATIONS

### For LED, Incandescent and Fluorescent



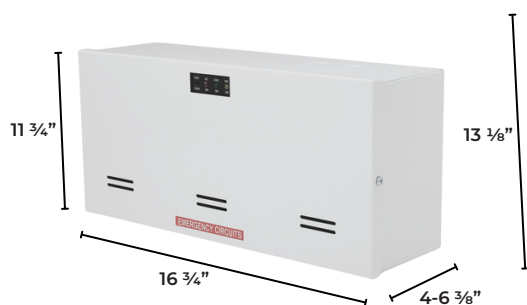
UL 924 Listed  
Self-Testing  
Self-Diagnostic



Less than  
1.0 second  
Transfer Time



NFPA Life  
Safety Code



**STANDARD SURFACE  
MOUNT HOUSING**



**RECESSED MOUNT  
HOUSING**



**CEILING T-GRID  
MOUNT HOUSING**

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.

Models are available for Surface, Recessed or T-Grid mounting as required.

### STANDARD FEATURES

- 98% Efficient Typical
- Heavy duty steel cabinet is finished in white baked-in powder providing scratch and corrosion resistant.
- All models are UL924 Listed
- Meets NFPA 101 Life Safety Code, NEC, OSHA, Local, and State Code
- Transfer Time: Less than 1.0 second
- Mounting Options: Surface, Recessed, or T-Grid
- Battery: 3 years full warranty plus additional 7 years of pro-rata coverage.

### 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.

### ORDERING GUIDE

- |               |                 |
|---------------|-----------------|
| • MICRO-20-NC | <b>OPTIONS:</b> |
| • MICRO-32    | - S (Surface)   |
| • MICRO-35-NC | - R (Recessed)  |
| • MICRO-55    | - T (T-Grid)    |

### SPECIFICATIONS

- |  |  |
|--|--|
| • Input Voltage: 120 or 277 VAC (60 Hz)                              | • Static Voltage: $\pm 5\%$ during battery discharge. 0-100% linear load |
| • Input Protection: Provided by service panel, rated at 20A max      | • Output Distortion: Less than 3% THD (linear load)                      |
| • Output Voltage: 120 or 277 VAC (60 $\pm$ 0.3 Hz, during emergency) | • Load Power Factor Range: 0.44 lead to 0.44 lag                         |
| • Efficiency Rating: 98% at full load (line)                         | • Minimum Loading: 0% of rated systems capacity                          |
| • Waveform: Sinusoidal (digitally controlled, PWM design)            | • Output Protection: Inverter fuse                                       |