

ISI-CEPS Series

Standard Transfer Central Inverter Mini



Inverter Systems, Inc.

WWW.INVERTERSYSTEMSINC.COM

EMERGENCY POWER SOURCE

For LED, Fluorescent, Incandescent



UL 924 Listed
Self-Testing
Self-Diagnostic



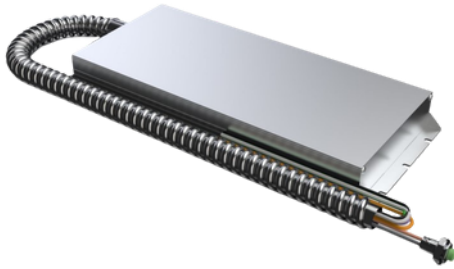
250 ms
Transfer Time



CEC
Title 20
Approved



UL Listed
for Damp
Locations



Optional
Remote
Test
Switch

Models 25 and 50

Description

The ISI-CEPS-25 and 50 of micro inverters is an easy solution for emergency power needs. Designed with advanced Pure Sine Wave technology, the micro inverters provide direct AC power and full illumination to lighting sources including LED and fluorescent. With an ultra-wide 0.5 lead to 0.5 lag load power factor range, CEPS inverters offer unmatched compatibility, allowing existing fixtures to be used for both normal operation and emergency lighting without affecting the aesthetic design of the space.

STANDARD FEATURES

- PWM/MOSFET Pure Sine Wave inverter technology
- Self-testing and Self-diagnostics
- Compatible with LED and Fluorescent lighting sources
- Ultra-wide power factor range from 0.5 leading to 0.5 lagging
- UL 924 Listed, Damp location rated, plenum rated, CEC Title 20 Approved
- Auto-selected Input
- Runtime: 90 minutes operation
- Multi-function LED & Test Switch
- 5-year warranty on all parts including batteries
- Remote mount - no distance limitations depending on wattage and wire selected.

DIMENSIONS

- CEPS 25: 1 3/8" D x 13 1/4" L x 5 3/8" W
- CEPS 50: 1 3/8" D x 20 3/4" L x 5 3/8" W

OPTIONAL FEATURES

- RT: Remote Test Switch

ORDERING GUIDE:

- CEPS-25
- CEPS-50
- CEPS-25-RT
- CEPS-50-RT

SPECIFICATIONS

- Input Voltage: 120 or 277VAC | 1-Phase 2-Wire $\pm 10\%$ to 15%
- Input Frequency: 60 Hz $\pm 3\%$
- Max Input Rating: 33 VA (CEPS-25), 66VA (CEPS-50)
- Max Input Current: 0.28 A at 120V or 0.12 A at 277V (CEPS-25)
0.55 A at 120V or 0.24A at 277V (CEPS-50)
- Harmonic Distortion: $<10\%$ for resistive load
- Output Voltage: 120 or 277VAC | 1-Phase 2-Wire Plus Ground
- Output Frequency: 60Hz ± 10 Hz during emergency mode
- Output Load Power Factor: 0.5 leading to 0.5 lagging
- Inverter overload: 150% for 2 seconds 115% continuous
- Output types: Normally on, normally off, switched

- Crest Factory: 5
- Auto Dimming: Automatically dims to maintain power output if 0-10 volts dimming wires are connected, the unit automatically dims to maintain power within rating.

OTHER

- Compatible Light Sources: LED, Fluorescent
- Temperature: 0-50°C; 32-122°F
- Total Normal Power: 75w dimmed to 25w (CEPS-25)
150w dimmed to 50w (CEPS-50)
- Warranty: Five (5) years standard