

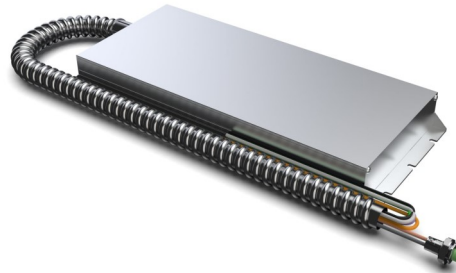
ISI - CEPS-25 and CEPS-50

STANDARD TRANSFER CENTRAL INVERTER

Mini Emergency Power Source for LED, Fluorescent, Incandescent

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 .5 lead to .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.



Electrical Specifications

INPUT

Input voltage... Auto select 120-277V, 1-phase 2-wire +10% -15%

Input Frequency... 60Hz +/- 3%

Max Input Rating... 33VA

Max Input Current... 28 amps @120V or .12 amps @ 277V

Harmonic Distortion... <10% for resistive load

OUTPUT

Output voltage... 120/277V, 1-phase, 2-wire + ground (same as input)

Frequency... 60Hz +/- .10Hz during emergency mode

Load Power Factory... .5 leading to .5 lagging

Inverter Overload... 150% for 2 seconds 115% cont.

Output Types... Normally on, normally off, switched
Crest Factory... 5

Auto Dimming... Automatically dims to maintain power output - if 0-10V dimming wires are connected, the unit automatically dims to maintain power output within rating

OTHER

Compatible Light Sources... LED, Fluorescent

Transfer time 250 milliseconds

Minimum emergency operation... 90 minutes

Temperature inverter... 0-50C; 32-122F

Total Normal Power... 125 dimmed to LVU (LVU-2), 250 dimmed to 50W (LVU-5)

Battery... NiCd

Warranty... five year standard warranty

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 .5 leading to .5 lagging
- UL 924 Listed, Damp location Rated, Plenum Rated, CEC Title 20 Approved
- Output options Normally ON, Switched, or Normally OFF
- Auto-selected Input
- Multi-function LED & Test Switch
- 5-year warranty on all parts including batteries
- Compact design can be mounted in any direction
- Remote Mount—no distance limitations depending on wattage and wire selected
- Dimensions - CEPS-25: 13/8" D x 13 1/4" L x 5 6/16" W
CEPS-50: 13/8" D x 20 3/4" L x 5 6/16" W

Ordering Guide

ISI-CEPS-25

ISI-CEPS-50

Option:

-RT (remote test switch)



Optional Remote Test Switch



www.invertersystemsinc.com

329 Otter Street, Bristol, PA 19007 • Tele: (215) 788-8870 • Fax: (215) 788-8873

ISI