

ISI - CEPS-500 or 1000 SERIES

CENTRAL INVERTER

Mini Emergency Power Source for Fluorescent, Incandescent, CFL, Halogen, and LED Loads



Applications: Schools, Offices, Hospitals, Hotels, Court Houses, Parking Garages, Stores - Can be installed in any place such as electrical room, utility closet, or other ventilated area.

Safe, momentary overload: Up to double rated load for safe operation when using high inrush loads. Self resetting overload protection

STANDARD FEATURES

- Self-resetting overload protection and fused output
- 120VAC or 277VAC pure sine wave output, 90 minutes
- Automatic output voltage tracking maintains output voltage at $\pm 5\%$
- Distortion (THD): Less than $\pm 5\%$
- EMI in compliance with FCC Class A Regulation
- Test switch to simulate utility power loss
- Efficiency 99% at full load
- Sealed lead-calcium batteries provide long life and are maintenance free
- 3/6 Warranty (3 year replacement warranty on electronics, 6 year pro-rata warranty on batteries)
- Small footprint: 25"W x 17"H x 12.5"D
- Thermostat controlled silent cooling fan
- Load power factor: 0.9 leading to 0.9 lagging
- 1.5 seconds transfer time to protect against momentary ON/OFF voltage surges caused by power line hitting wet pavement or other power lines during storm
- Operating temperature: 40° to 100°F
- Frequency regulation: $\pm 5\%$
- 10W input power consumption when batteries are fully charged
- Automatic low voltage battery disconnect, deep discharge protection, over-temperature shut down, and reverse polarity protection.
- GFCI Protection for 120V models
- "A" - one input and output circuit breaker, standard

Options

C(*) - Replace * with amount of output circuit breakers, maximum of six, with six additional if option box is ordered (OB)
OB - Option box to house up to six breakers or multiple controls, 25"W x 17"H x 12.5"D, stacks on system

Controls

Load Shedding and Low Voltage Controls:

RTS-24 - Load shedding for demand and response & plug loads
RTS-120/277 - Load shedding for demand and response & plug loads
RTS-0-10V - Load shedding for 0-10V dimmable loads
TR-100 - Low voltage power supply 250mA
SP-1 - Heavy Duty 30A Momentary Input Switch Pak
CR-1-120 - Closet and cabinet relay used with magnetic switches

UL 924 Emergency Power Controls:

EPC-1 - Flush mount bypass control for switched loads
EPC-A-1 - Recessed mount bypass control for switched loads
EPC-D-F - Transfer control for dimmable loads
RRU - Shunt relays

Ordering Guide:

CEPS-500-A-120

CEPS-1000-A-120

CEPS-500-A-277

CEPS-1000-A-277

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