

# YOUR GUIDE TO C-LITE INVERTER SYSTEMS



Our C-INV Power Systems are smaller versions of AC power systems that provide emergency power to indoor and outdoor lighting systems in the event of a power outage.



## WHY USE INVERTERS

### Streamlined Installation and Maintenance

Remote installation up to 1000ft from lighting load  
One centralized unit as opposed to multiple in-fixture back-ups  
Lower long-term maintenance costs

### Flexible Power and Load Capacity

Supports up to 1,150 watts of emergency lighting load  
Powers multiple switched circuits from a single inverter  
Accommodates variable load capacities

### Perfect for Complex Lighting Systems

Seamlessly supports daylight harvesting, occupancy sensors, and step dimming systems  
Ideal for sites with multiple switch scenarios

### Architecturally Friendly

No visual disruption from emergency equipment  
Preserves aesthetic design by turning all fixtures into emergency lighting

### Full Light Output of the Connected Fixtures

Pulse width modulation and soft start eliminates high in-rush current.  
There's no need to de-rate the inverter when calculating load.

## CODE COMPLIANCE

- 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 to UL2043 and meets city of Chicago CCEA Requirements.
- UL Listed for damp locations 68°F - 86°F (20°C – 30°C).
- FCC Part 15 Class A or B Compliant.\*
- Unit: (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.
- Battery: 3-year full warranty.

\*Class Compliance dependant on inverter model. Consult specification sheets for more information.

# C-INV 20-55



MODEL NUMBER	Input/Output Voltage	90 Min Capacity (Watts/VA)
C-INV-20	120/277	20/20
C-INV-32	120/277	32/32
C-INV-35	120/277	35/35
C-INV-55	120/277	55/55

Add Suffix	Option Description
-S	Surface Mount Housing
-R	Recess Mount Housing
-T	Ceiling T-grid Mount Housing
-SP	Special Housing Color (Specify)
-RTS	Remote Test Switch Panel**
-SDT	Self Diagnostics
-CEC	Title 20 Compliant**

## DEFINING YOUR PROJECT

Our team is ready to help you choose the right inverter for your project, just provide us with the information below!

What type of light source(s) does your fixture use?

How many units will need emergency option?

What is the wattage and VA of each unit?

What other options are needed? (Output/input breakers, self-test, mounting, etc.)

# C-INV 55-220



MODEL NUMBER	Input/Output Voltage	90 Min Capacity (Watts/VA)
C-INV-55-125	120/277	55/125
C-INV-110-125	120/277	110/125
C-INV-110-250	120/277	110/250
C-INV-220-250	120/277	220/250

Add Suffix	Option Description
-S	Surface Mount Housing
-R	Recess Mount Housing***
-T	Ceiling T-grid Mount Housing***
-SP	Special Housing Color (Specify)
-4C	4 Output Circuit Switching*
-AO	Adjust Output/Dimmer Bypass*
-SDT	Self Diagnostics
-CEC	Title 20 Compliant
-RTS	Remote Test Switch Panel

## INVERTER OPTIONS

\* Options not available on all inverter models, refer to the product option tables.

# C-INV 375-600



MODEL NUMBER	Input/Output Voltage	90 Min Capacity (Watts/VA)
C-INV-375	120/277	375/375
C-INV-600	120/277	600/600

Add Suffix	Option Description
-OCB1	One Output Breaker
-OCB2	Two Output Breakers
-ICB	Input Breaker
-SP	Special Housing Color (Specify)
-SDT	Self Diagnostic
-4C	4 Output Circuit Switching*
-4AO	Adjust Output/Dimmer Bypass*

### RTS

Remote test switch. Ideal for recessed or T-grid mounted inverters, or when access is limited.

### 4C

4 individually switched loads can be operated as switched, normally-on, normally-off or any combination. Even energy-saving switched fixtures can function as an emergency lights.

### 4AO

Combines 4C & AO options to accommodate 4 line voltage devices or (4) 0-10 volt dimmers with adjustable output, or both.

# C-INV 750-1150



MODEL NUMBER	Input/Output Voltage	90 Min Capacity (Watts/VA)
C-INV-750	120/277	750/750
C-INV-950	120/277	950/950
C-INV-1150	120/277	1150/1150

Add Suffix	Option Description
-OCBX (1-6)	One to Six Output Breakers
-4C	Four Output Circuit Switching*
-ICB	Input Breaker
-SP	Special Housing Color (Specify)
-SDT	Self Diagnostic
-4AO	Adjust Output/Dimmer Bypass*

### SDT

Self-testing/ self-diagnosis. Simplifies testing to meet NFPA 101 regulations for life safety devices.

### AO

0-to-10 volt bypass or adjustable load output (2.5, 5.0, 7.5 or 10 volt). Two dip switches allow two different settings on one load.

\* options not available together

\*\* options only available on the -32 and -55 models

\*\*\* options only available on the -55-125 and -110-125 models

## WE'RE ALWAYS HERE TO HELP

Our dedicated customer service team is here to guide you every step of the way. Call us at 888-243-9445 or email us at sales@e-conolight.com with your questions and concerns, and we'll ensure you find the perfect inverter for your needs.

Visit us online at e-conolight.com for more information.