Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	

Sure-Lites

INV Emergency Inverter Series

375 and 600 watt inverter with 90 minute run time; compatible with LED, fluorescent or incandescent fixtures

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing

Interactive Menu

Product Certification

Efficiency Standards T20 California Title 20 Certified LED Tier 1 Lamp

UL LISTED

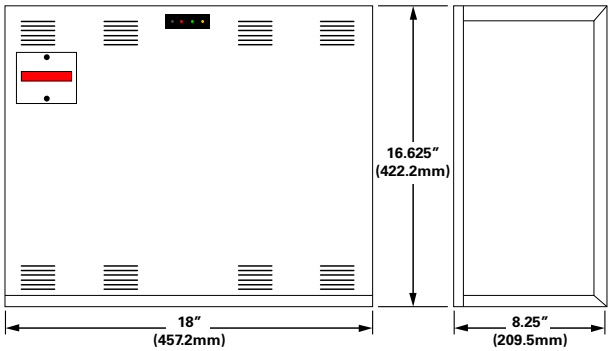
NFPA

Top Product Features

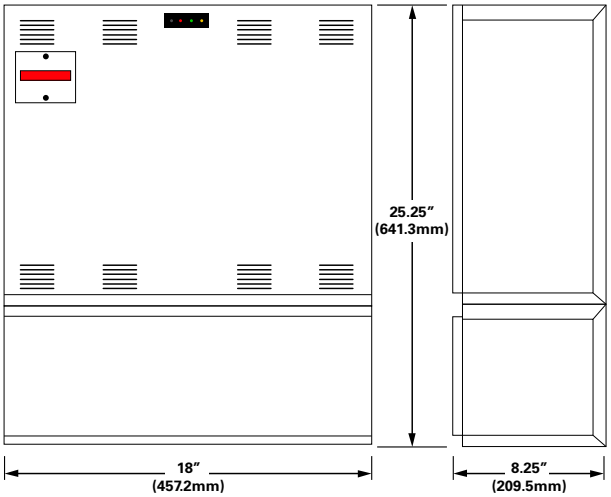
- Supplies 375 or 600 watts of power for 90 minutes
- Compatible with LED, incandescent or fluorescent fixtures
- UL924 listed
- Labor saving self-diagnostics option
- 120 VAC or 277 VAC input and output

Dimensional and Mounting Details

INV375SDCA



INV600SDCA



Order Information

SAMPLE ORDER NUMBER: **INV375SDCA, INV375CA, INV600SDCA, INV600CA**

Series	Wattage	Self-Diagnostics	CEC
INV=Inverter	**375**=375 watts **600**=600 watts	__=no self-diagnostics **SD**=Self-Diagnostics	**CA**=CEC compliant

General Specifications

Series	Input/ Output volts	90 minute capacity		System Weight		Full Load Efficiency	# of Batteries	Battery Voltage	Battery Current	Mac value AC Input Current		Thermal output BTU's	
		Watts	VA	lbs	Kg					120 VAC	277 VAC	On-line	Emergency
INV375	120/277	375	375	113	51.3	98%	5	60VDC	7.3 A	3.43 A	1.49 A	11	205
INV600	120/277	600	600	172	78.1	98%	8	96VDC	7.1	5.50 A	2.38 A	15	275

Product Specifications

Electronic

- Input Voltages: Dual 120 or 277VAC, 60Hz (user selectable with (2) wire jumpers provided)
- Input frequencies 60 Hz =/-2%
- Input protection:Provided by service panel rated at 20 amps maximum
- Output voltages 120 or 277 VAC
- Efficiency rating 98%
- Sinusoidal waveform output
- Output frequencies 60 Hz ± 03Hz
- Less than 3% THD
- Transfer time < 1 second
- Load power factor range for 0.44 lead to 0.44 lag
- Output protection: Circuit breaker
- "Soft start" design reduces in-rush current
- Installable up to 1000 feet from controlled fixtures
- 100% of lumen output from fixtures in emergency mode
- Low voltage disconnect prevents deep battery discharge
- Test switch
- Reverse polarity protection

Housing Construction

- Durable 18-gauge steel housing design with white semi-gloss powder-coat paint finish
- Surface mounting
- Variable-rate, temperature- compensated charger

Code Compliance

- UL 924 Listed
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements

Application

- LED, Fluorescent and Incandescent Lighting

Warranty

- 3 year product warranty
- 7 year pro-rated battery warranty

Self-diagnostics

Description

Sure-Lites INV series offers the self-testing and self-diagnostic (SDT) options. This feature helps insure NFPA and OSHA code compliance and validates system operational performance.

Self-diagnostic functions

The self-diagnostic function is factory preset and performs the following:

- Monitoring of battery, battery charger and connected loads.
- Self-testing and a 30-second battery discharge once every 30 days after normal utility power has been supplied for a minimum of 96 hours.
- Self-testing and a 30-minute battery discharge once every 180 days after normal utility power has been supplied for a minimum of 96 hours.
- Self-testing and a 90-minute battery discharge once every 365 days after normal utility power has been supplied for a minimum of 96 hours.

Service Indication Led Indicator /Status

- **GREEN Steady** = Normal Service
- **RED/GREEN Blinking** = High Charge Enabled
- **GREEN Blinking** = Test mode Enabled
- **One Blink RED / Pause** = Battery Charger Fault
- **Two Blinks RED / Pause** = Battery Fault
- **Four Blinks RED / Pause** = Lamp / Load Fault

Manual Testing Action / Reaction & LED Indication

Push test switch once (within 2 seconds) **30** = second test one blink GREEN / pause

Push test switch twice (within 2 seconds) = 30 minute test two blinks GREEN / pause

Push test switch thrice (within 2 seconds) = 90 minute test three blinks GREEN / pause

Push test switch and hold for 3 seconds = Canceled test

Push test switch and hold for 6 seconds = System reset

COOPER Lighting Solutions

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