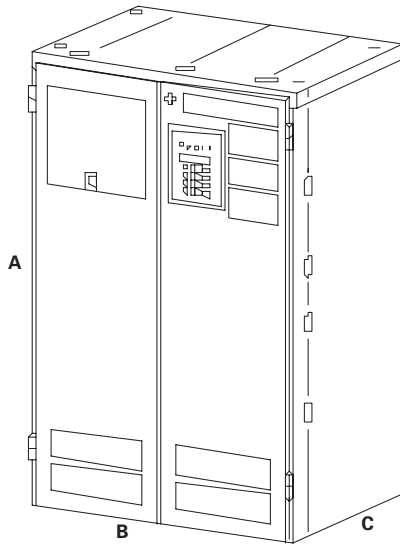


## DIMENSIONS



Height	Width	Depth
A	B	C
47"	30"	25"

## DESCRIPTION

The Sure-Lites Lifeway II C Series is a single phase inverter that provides uninterrupted power. This pulse width modulated inverter utilizes IGBT technology and has a 2 millisecond transfer time. The unit's operating efficiency is 98%, well above a typical fast transfer inverter. The C Series inverter is UL 924 Listed and meets NFPA 101 requirements by providing 90 minutes of illumination for emergency egress lighting. Other run times and voltages are available. Please consult your Cooper Lighting Representative.



## LIFEWAY II SINGLE PHASE C SERIES

1.5-16.7 KVA  
HID, Fluorescent and Incandescent

ON-LINE POWER  
INVERTER SYSTEMS

- Input 120 or 277VAC 1 phase 2 wire
- Custom voltages available
- Electronic and magnetic ballast compatible
- Generator compatibility
- Forced air cooling only during emergency operation, no filters required
- 90 minute runtime standard; other runtimes available upon request
- 98% efficient PWM/IGBT technology with micro-processor control
- User programmable with password protection
- Self-Testing and Self-Diagnostic with Event, Test and Alarm Logs
- RS232 communications port
- UL 924 listed

## SPECIFICATION DATA

<b>Input Voltage</b>	120 or 277VAC 1-phase 2 wire +10%-15%. Contact factory for all other voltages.
<b>Input Frequency</b>	60Hz, ±3%
<b>Input Protection</b>	Input Circuit Breaker
<b>Input Harmonic Distortion</b>	<10%
<b>Input Power Factor</b>	0.5 lag/lead
<b>Output Voltage</b>	120 or 277VAC 1-phase 2 wire. Contact factory for all other voltages.
<b>Static Voltage</b>	Load current change ±2%, battery discharge ±12.5%
<b>Dynamic Voltage</b>	±2% for ±25% load step change, ±3% for a 50% load step change, recovery within 3 cycles
<b>Output Harmonic Distortion</b>	<3% THD for linear load
<b>Output Frequency</b>	60 Hz. ±0.05Hz during emergency mode
<b>Load Power Factor</b>	0.5 lag to 0.5 lead
<b>Inverter Overload</b>	125% for 5 minutes
<b>Output Protection</b>	Optional Distribution Circuit Breakers
<b>Battery</b>	10 Year Valve-regulated Sealed Lead Calcium (standard)
<b>Environmental</b>	
<b>Altitude</b>	<10,000 feet without derating
<b>Operating Temp.</b>	System operates safely from 0° to 40°C (32° to 104°F) up to 95% humidity. UL rating, 20° to 30°C (68° to 86°F), includes battery performance which can be affected by temperature. Contact factory for details.
<b>Storage Temp.</b>	-20° to 70°C (Electronics Only)
<b>Humidity</b>	<95% (non-condensing)

## LIFEWAY II SINGLE PHASE C SYSTEM PART NUMBER / RATING / MECHANICAL SPECIFICATIONS

Part Number	Pwr Rtg kVA	Pwr Rtg kW	Effic. @ full load %	Audible Noise db@1m	Heat Loss BTU	UPS Cabinet Dimensions			UPS Weight lb/kg	Battery Voltage VDC	Battery Current Amperes	Battery Run Minutes	Battery Cabinet Dimensions			No. of Battery Cabinets	Total No. of Cabinets	Total System Weight (lb/kg)
						Width in/cm	Height in/cm	Depth in/cm					Width in/cm	Height in/cm	Depth in/cm			
ISC015	1.5	1.5	98	45	75	30/77	47/120	25/64	250/114	48	39	90	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	1	546/249
ISC022	2.25	2.25	98	45	100	30/77	47/120	25/64	265/121	72	38	90	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	1	709/323
ISC030	3.0	3.0	98	45	160	30/77	47/120	25/64	295/134	96	38	90	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	1	887/403
ISC037	3.75	3.75	98	45	200	30/77	47/120	25/64	305/139	120	37	90	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	1	1045/475
ISC048	4.8	4.8	98	45	245	30/77	47/120	25/64	315/143	144	40	90	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	na <sup>2</sup>	1	1203/546
ISC060	6.0	6.0	98	45	300	30/77	47/120	25/64	350/159	180	40	90	30/77	47/120	25/64	1	2	1670/759
ISC080	8.0	8.0	98	45	400	30/77	47/120	25/64	375/171	240	39	90	30/77	47/120	25/64	1	2	2087/949
ISC100	10.0	10.0	98	45	500	30/77	47/120	25/64	435/198	144	82	90	30/77	47/120	25/64	2	3	2631/1195
ISC125	12.5	12.5	98	45	660	30/77	47/120	25/64	465/211	180	82	90	30/77	47/120	25/64	2	3	3105/1409
ISC167	16.7	16.7	98	45	840	30/77	47/120	25/64	530/241	240	80	90	30/77	47/120	25/64	2	3	3954/1795

## ORDERING INFORMATION

SAMPLE NUMBER: ISC037120120

