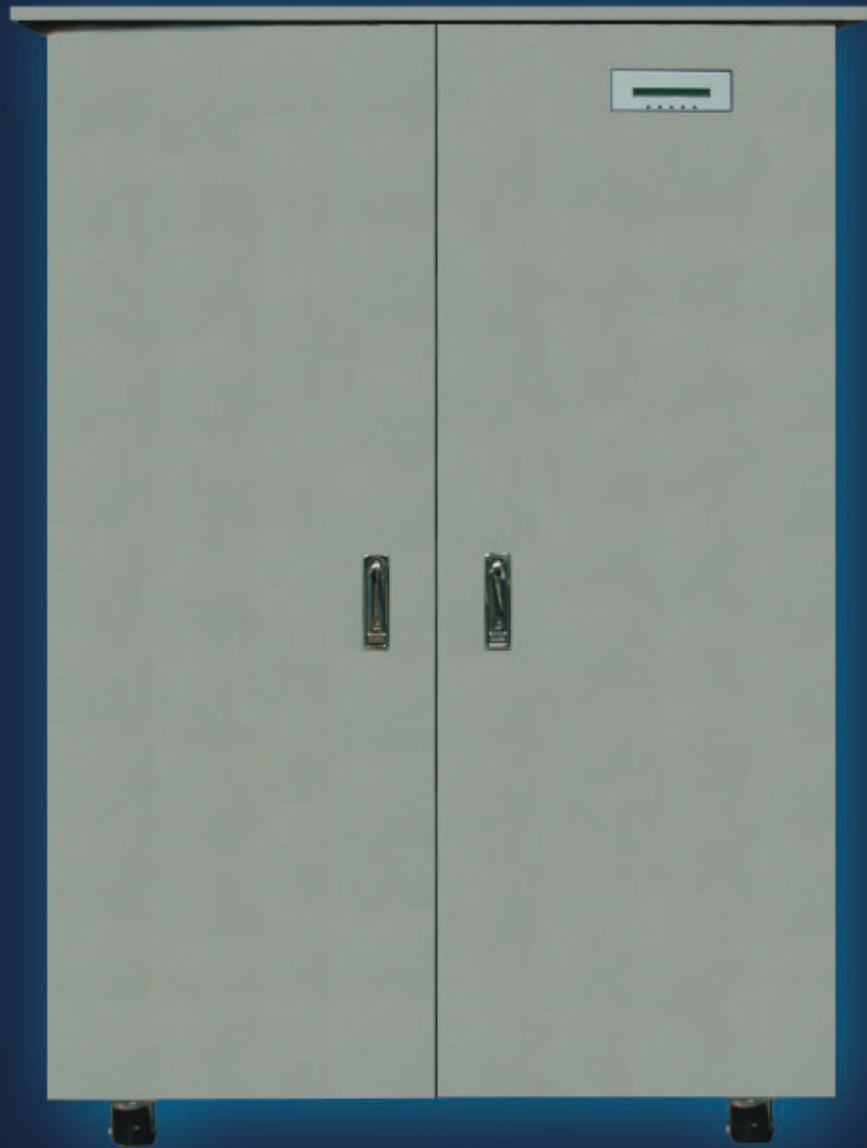


EMERGI-LITE®

Full Range Emergency Lighting Products

EMERGI-LITE



Thomas & Betts

THE CHIN EMERGENCY LIGHTING AC INVERTERS

True Sine Wave On-Line Single Phase and Three Phase Inverters

The CHINII and CHINIII Series offer reliable and constant protection in case of utility power failures.

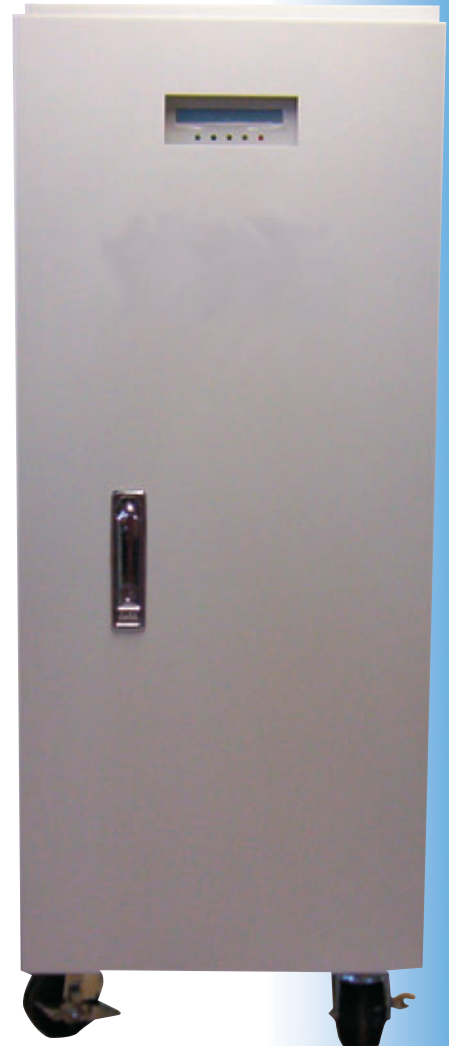
- Also known as ELI (Emergency Lighting Inverter) systems, they insure reliable emergency lighting, which is critical to the safety of the occupants of any building. Since the regular lighting fixtures are used to light part of the path of egress, there is less need for independent battery units and remote emergency lighting heads. The original building design is kept intact.
- Ideal for the retail or the hospitality industry where aesthetics is key and where a well-lit path of egress is crucial.

Stick to the original design and increase the safety of occupants by adding regular lighting fixtures to your emergency lighting.

The CHIN Series never sleeps

- For critical lighting loads for retail, schools, senior citizen centers, and high rise residential, an ELI system insures there will be no break in power. The ELI is always on unlike interruptible fast transfer systems which may be fast but the delay in transfer, however short, may affect some loads such as HID sources.

Protect critical lighting from even an “eye blink” blackout with true uninterruptible power protection.



How does it work?

The CHIN is installed between the regular AC power input and the output to the loads it protects. Dual conversion means it converts the incoming AC power to DC, charges the batteries, then converts the DC back into highly regulated isolated AC power. When regular AC is available, the ELI system monitors the current's sine wave. As soon as the incoming sine wave is interrupted, the ELI takes the DC power from the batteries and converts it back to AC. Since the system is always on, this is done without any interruptions.

FEATURES

Full Galvanic Isolation: provides a completely isolated and re-reference output.

High efficiency: thanks to IGBT (Insulated Gate Bipolar Transistor) and PFC (Power Factor Correction) technology.

Fully digital: due to the DSP (Digital Signal Processor) and flash memory.

Extremely flexible: tailor-made power protection to comply with your individual installation requirements.

Front panel display: provides user notification of current system operation as well as operating parameters and battery charge level.

ADDITIONAL FEATURES

- A. Input surge protection:** provides enhanced protection to both the Inverter and the load and also protects against lightning effects and/or surges caused by large cycling loads or those that are being turned on and/or off.
- B. EMI suppression:** an EMI filter is added to meet the international EMC limits to ensure that No noise will effect or interfere with other equipment connected to the same AC source.
- C. High frequency design:** the inverter design incorporates high frequency, high efficiency IGBT (Insulated Gate Bi-polar Transistors).
- D. Cold start function:** the CHIN can be started on battery DC power, without the utility AC supply being activated or present.
- E. Intelligent charger:**
the CHIN will automatically recharge (boost charge) the batteries when the battery voltage level decreases to approximately 2V/Cell.

OPTIONS

Output Circuit Breakers: supports normally on or normally off circuit breakers.

Additional Run Times: additional run times may be selected at time of specification. These can be 30, 60, 90 or 120 minutes. Other configurations are available.

Communication Options:

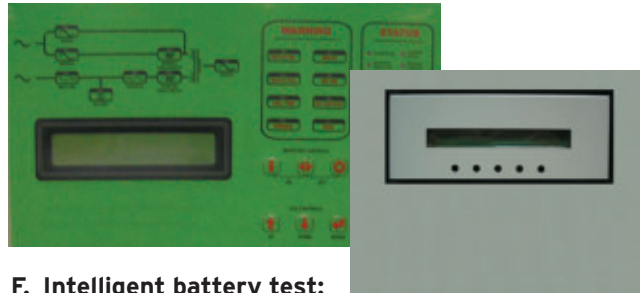
RCMP: Remote Control and Monitoring Panel. This option provides remote alarms to indicate the inverter status.

SNMP: Simple Network Management Protocol adapter (a standard feature on the 3 phase ELI).

Internal Maintenance bypass switch: a standard feature with all CHIN ELI units, allows for easy maintenance. Maintenance will not interrupt power to the load.

RTS: remote terminal strip.

DS: Drip Shield, provides protection against falling water produced by sprinkler systems or other sources.



F. Intelligent battery test:

the CHIN performs an automatic battery test monthly, informing the user immediately of any abnormal conditions.

G. Charging rate: the charging rate is factory selectable (L/M/H) according to amp-hour (AH) ratings of the batteries.

H. MTBF methodology used for cooling fans: long cycling fans will operate at variable speeds, increasing the life expectancy of the fan motors.

I. Intelligent interface: one PC can monitor and control up to ninety-nine CHIN's.

J. Data log capability: all normal and abnormal conditions can be stored on a PC for further reference.

K. Protected on/off switch: located behind the locked front door, the on-off switch is protected from accidental activation.

Other Options:

EMBP: External Maintenance Bypass. This device allows the load power to be transferred from the inverter output to the AC supply. Thus the inverter can be completely removed or repaired without interruption of power to the load.

12HR: 12 Hour recharge time. The standard is 24 hours.

EWB10: 10 year life type battery (Standard life).

EWB20: 20 year life type battery.

GUI: The graphical user interface allows you to perform an automatic battery test monthly, informing the user immediately of any abnormal conditions.

CHINII SINGLE PHASE SERIES

SPECIFICATION TABLE FOR CHINII SINGLE PHASE INVERTERS					
Model Size	3kW	5kW	7.5kW	10kW	15kW
Capacity kVA Rating	4.3	7	10	12.5	18
Output Power Factor	0.7			0.8	
SPECIFICATIONS Input // Output Voltage Combinations Available ¹ single phase	120 // 120				
	120 // 120 / 240				
	120 // 277		208 // 120		208 // 120
	120 // 347		208 // 120 / 240		208 // 120 / 240
	208 // 120		208 // 277		208 // 277
	208 // 120 / 240		208 // 347		208 // 347
	208 // 277		240 // 120		240 // 120
	208 // 347		240 // 120 / 240		240 // 120 / 240
	240 // 120		240 // 277		240 // 277
	240 // 120 / 240		240 // 347		240 // 347
	240 // 277		277 // 120		277 // 120
	240 // 347		277 // 120 / 240		277 // 120 / 240
	277 // 120		277 // 277		277 // 277
	277 // 120 / 240		277 // 347		277 // 347
	277 // 277		347 // 120		347 // 120
	277 // 347		347 // 120 / 240		347 // 120 / 240
	347 // 120		347 // 277		347 // 277
	347 // 120 / 240		347 // 347		347 // 347
	347 // 277				
	347 // 347				
AC Input Voltage / Input Service Amps	120/50A 208/30A 240/30A 277/30A 347/20A	120/80A 208/50A 240/40A 277/40A 347/30A	208/70A 240/60A 277/60A 347/50A	208/100A 240/80A 277/70A 347/60A	208/150A 240/125A 277/125A 347/90A
Output Voltage and Maximum Output Current in Amperes at 100% load	120/25A 208/14.4A 240/12.5A 277/10.8A 347/8.6A	120/41.6A 208/24A 240/20.8A 277/18A 347/14.4A	120/62.5A 208/36A 240/31.2A 277/27A 347/21.6A	120/83.3A 208/48A 240/41.6A 277/36.1A 347/28.8A	120/125A 208/72.1A 240/62.5A 277/54.1A 347/43.2A
Standard Charger Size (amps)	5				
DC System Voltage	240VDC				
Audible Noise	65 dba @ 1 metre				
¹ Consult factory for other voltage ratings.					

CHINII SINGLE PHASE SERIES

SINGLE PHASE 30 MINUTES BACKUP CONFIGURATIONS						
STANDARD BATTERY SYSTEMS FOR 30 MINUTE RUNTIME	System Capacity Rating	3kW	5kW	7.5kW	10kW	15kW
	ELI Dimensions WxDxH (in)	18" x 28" x 42"	18" x 28" x 42"	18" x 28" x 42"	44" x 34" x 74"	44" x 34" x 74"
	ELI Dimensions WxDxH (mm)	450 x 700 x 1,050	450 x 700 x 1,050	450 x 700 x 1,050	1,120 x 865 x 1,880	1,120 x 865 x 1,880
	BBU Dimensions WxDxH (in)	29" x 24" x 60"	29" x 24" x 60"	29" x 24" x 60"	32" x 34" x 78"	32" x 34" x 78"
	BBU Dimensions WxDxH (mm)	740 x 610 x 1,520	740 x 610 x 1,520	740 x 610 x 1,520	815 x 865 x 1,980	815 x 865 x 1,980
	Configuration	A	A	B	C	C
	Maximum System Weight - lb/kg	1,600/728	1,600/728	1,800/819	2,700/1,228	3,100/1,410

SINGLE PHASE 60 MINUTES BACKUP CONFIGURATIONS						
STANDARD BATTERY SYSTEMS FOR 60 MINUTE RUNTIME	System Capacity Rating	3kW	5kW	7.5kW	10kW	15kW
	ELI Dimensions WxDxH (in)	18" x 28" x 42"	18" x 28" x 42"	18" x 28" x 42"	44" x 34" x 74"	44" x 34" x 74"
	ELI Dimensions WxDxH (mm)	450 x 700 x 1,050	450 x 700 x 1,050	450 x 700 x 1,050	1,120 x 865 x 1,880	1,120 x 865 x 1,880
	BBU Dimensions WxDxH (in)	29" x 24" x 60"	32" x 34" x 78"	32" x 34" x 78"	32" x 34" x 78"	32" x 34" x 78"
	BBU Dimensions WxDxH (mm)	740 x 610 x 1,520	815 x 865 x 1,980	815 x 865 x 1,980	815 x 865 x 1,980	815 x 865 x 1,980
	Configuration	A	B	B	C	C
	Maximum System Weight - lb/kg	1,600/728	1,950/887	1,950/887	3,250/1,478	3,800/1,728

SINGLE PHASE 90 MINUTES BACKUP CONFIGURATIONS						
STANDARD BATTERY SYSTEMS FOR 90 MINUTE RUNTIME	System Capacity Rating	3kW	5kW	7.5kW	10kW	15kW
	ELI Dimensions WxDxH (in)	18" x 28" x 42"	18" x 28" x 42"	18" x 28" x 42"	44" x 34" x 74"	44" x 34" x 74"
	ELI Dimensions WxDxH (mm)	450 x 700 x 1,050	450 x 700 x 1,050	450 x 700 x 1,050	1,120 x 865 x 1,880	1,120 x 865 x 1,880
	BBU Dimensions WxDxH (in)	29" x 24" x 60"	32" x 34" x 78"	32" x 34" x 78"	32" x 34" x 78"	2 * (32" x 34" x 78") ¹
	BBU Dimensions WxDxH (mm)	740 x 610 x 1,520	815 x 865 x 1,980	815 x 865 x 1,980	815 x 865 x 1,980	2 * (815 x 865 x 1,980) ¹
	Configuration	B	B	B	C	D
	Maximum System Weight - lb/kg	1,950/887	2,310/1,050	2,700/1,228	3,800/1,728	4,750/2,160
¹ Includes two battery cabinets						

CHINII SINGLE PHASE SERIES

CONFIGURATIONS			CLEARANCE
CONFIGURATION A	<p>BATTERY CABINET 29" x 24" x 60" 740 x 610 x 1520</p>	<p>ELI CABINET 18" x 28" x 42" 450 x 700 x 1050</p>	A and B ELI Side: Ø Back: 24" Front: 40"
	<p>BATTERY CABINET 32" x 34" x 78" 815 x 865 x 1980</p>	<p>ELI CABINET 18" x 28" x 42" 450 x 700 x 1050</p>	BATTERY Side: Ø Back: 24" Front: 40"
CONFIGURATION C	<p>BATTERY CABINET 32" x 34" x 78" 815 x 865 x 1980</p>	<p>ELI CABINET 44" x 34" x 74" 1120 x 865 x 1880</p>	C ELI Side: 40" Back: 24" Front: 40"
	<p>BATTERY CABINET 32" x 34" x 78" 815 x 865 x 1980</p>	<p>BATTERY CABINET 32" x 34" x 78" 815 x 865 x 1980</p>	<p>ELI CABINET 44" x 34" x 74" 1120 x 865 x 1880</p>
CONFIGURATION D	<p>BATTERY CABINET 32" x 34" x 78" 815 x 865 x 1980</p>	<p>BATTERY CABINET 32" x 34" x 78" 815 x 865 x 1980</p>	D ELI Side: 40" Back: 24" Front: 40"
	<p>ELI CABINET 44" x 34" x 74" 1120 x 865 x 1880</p>		BATTERY Side: Ø Back: 24" Front: 40"

CHINII SINGLE PHASE SERIES

DEVELOPING A LUMACELL CONTROL NUMBER									
1		2		3		4		5	
INPUT/OUTPUT VOLTAGE ^{1,3}		REQUIRED WATTAGE		RUNTIME		OPTIONAL OUTPUT ⁴ CIRCUIT BREAKER		OTHER OPTIONS	
J	<input type="checkbox"/> = 120 // 120	M	<input type="checkbox"/> = 3.0kW	SR30	30 minutes	↓	↓	RCMP	Remote Control and Monitoring Panel
K	<input type="checkbox"/> = 120 // 120 / 240	N	<input type="checkbox"/> = 5.0kW	SR60	60 minutes			SNMP	SNMP Adaptor
L	<input type="checkbox"/> = 120 // 277	O	<input type="checkbox"/> = 7.5kW ¹	SR90	90 minutes ²			EMBP	External Maintenance Bypass ⁶
M	<input type="checkbox"/> = 120 // 347	P	<input type="checkbox"/> = 10.0kW					EWB10	10 Year Life Type Battery
N	<input type="checkbox"/> = 208 // 120	Q	<input type="checkbox"/> = 15.0kW					EWB20	20 Year Life Type Battery
O	<input type="checkbox"/> = 208 // 120 / 240							12HR	12 Hour Recharge Time
P	<input type="checkbox"/> = 208 // 277								
Q	<input type="checkbox"/> = 208 // 347								
R	<input type="checkbox"/> = 240 // 120								
S	<input type="checkbox"/> = 240 // 120 / 240								
T	<input type="checkbox"/> = 240 // 277								
U	<input type="checkbox"/> = 240 // 347								
V	<input type="checkbox"/> = 277 // 120								
W	<input type="checkbox"/> = 277 // 120 / 240								
X	<input type="checkbox"/> = 277 // 277								
Y	<input type="checkbox"/> = 277 // 347								
Z	<input type="checkbox"/> = 347 // 120								
A	<input type="checkbox"/> = 347 // 120 / 240								
B	<input type="checkbox"/> = 347 // 277								
C	<input type="checkbox"/> = 347 // 347								

4						
TYPE		VOLTAGE		AMP RATING		QTY
ON	Normally On	A	120V ^{2,3}	15 amp rating ^{4,5}	1 - 15	
OF	Normally Off					

The output circuit breaker supports normally on or normally off breakers. Specify type, voltage, amp rating, and quantity of breakers from the selection above.
If no option is desired, no entry is required. Move to the next step.

Example
 If you need a 347V input with a 120V output, 10kW with a runtime of 90 minutes and you would like the extra ease of mind offered with a 12 hour recharge time as you are in an area prone to power outages, your code will read as follows: CHINIIZPSR9012HR.

¹120V not available with 7.5kW and up.
²Longer runtimes available. Consult factory.
³Other voltage configurations available. Consult factory.
⁴Output Circuit Breakers. Supports up to 10 supervised or 15 unsupervised pole positions. Specify type, voltage, amp rating and quantity of breakers. Please consult factory for maximum number of breakers that can be supported by your system.
⁵Other amp configurations available. Consult factory.
⁶Internal Maintenance Bypass is included on all ELI units. Use the External Maintenance Bypass feature for additional isolation of ELI and to maintain utility power to lighting during maintenance.

CHINIII THREE PHASE SERIES

SPECIFICATION TABLE FOR THE CHINIII SERIES THREE PHASE INVERTERS									
Model Size	8kW	12kW	16kW	24kW	32kW	40kW	48kW		
Capacity kVA Rating	10	15	20	30	40	50	60		
Input // Output Voltage Combinations Available ¹ 3 phase	208/120 // 208/120 480/277 // 208/120 600/347 // 208/120 208/120 // 480/277 480/277 // 480/277				600/347 // 480/277 208/120 // 600/347 480/277 // 600/347 600/347 // 600/347				
AC Input Voltage - Input Service Amps	208/120V - 50A 480/277V - 20A 600/347V - 15A	208/120V - 70A 480/277V - 30A 600/347V - 30A	208/120V - 90A 480/277V - 40A 600/347V - 30A	208/120V - 125A 480/277V - 60A 600/347V - 50A	208/120V - 175A 480/277V - 80A 600/347V - 60A	208/120V - 225A 480/277V - 100A 600/347V - 80A	208/120V - 250A 480/277V - 125A 600/347V - 90A		
Output Voltage and Maximum Output Current in Amperes at 100% Load	208/120V - 22.3A 480/277V - 9.7A 600/347V - 7.7A	208/120V - 33.4A 480/277V - 14.5A 600/347V - 11.6A	208/120V - 44.5A 480/277V - 19.3A 600/347V - 15.4A	208/120V - 66.7A 480/277V - 28.9A 600/347V - 23.1A	208/120V - 88.9A 480/277V - 38.5A 600/347V - 30.8A	208/120V - 111.1A 480/277V - 48.2A 600/347V - 38.5A	208/120V - 133.3A 480/277V - 57.8A 600/347V - 46.2A		
Standard Charger Size (amps)	10	10	10	15	20	25	30		
DC System Voltage	348VDC nominal								
¹ Consult factory for other voltage ratings.									

THREE PHASE 30 MINUTES BACKUP CONFIGURATIONS								
System Capacity Rating	8Kw	12kW	16kW	24kW	32kW	40kW	48kW	
ELI Dimensions WxDxH (in)	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"
ELI Dimensions WxDxH (mm)	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600
BBU Dimensions WxDxH (in)	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	2 * (47" x 32" x 78")	2 * (47" x 32" x 78")	
BBU Dimensions WxDxH (mm)	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	2 * (1,194 x 815 x 1,980)	2 * (1,194 x 815 x 1,980)	
System Configuration	A	A	A	A	A	B	B	
Estimated System Weight - lb/kg	2,092/949	2,502/1,135	3,087/1,401	3,954/1,794	4,905/2,225	6,915/3,137	7,224/3,277	

For optimum battery life, ambient temperature should be between 20°C and 25°C. Operating batteries outside optimum ambient temperature will decrease battery life and potentially void warranty. Air conditioning is recommended where an ELI unit is installed.

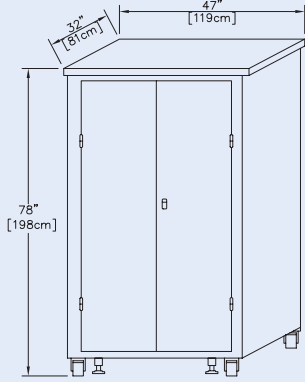
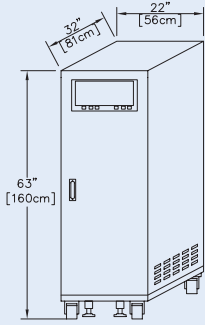
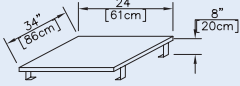
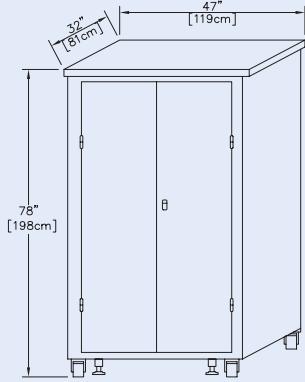
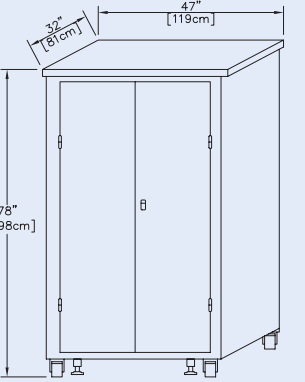
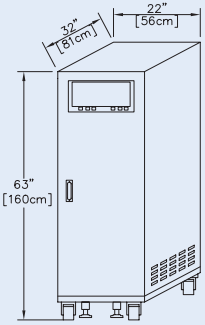
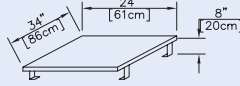
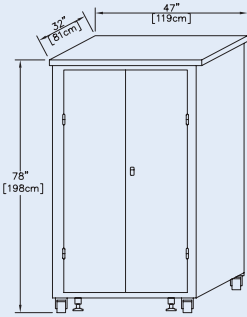
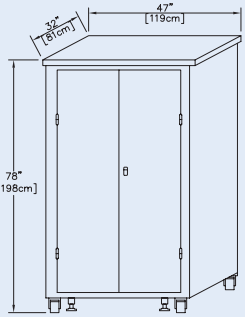
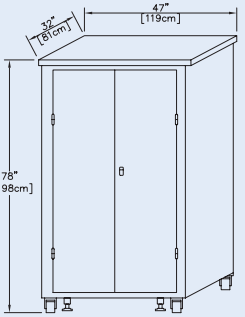
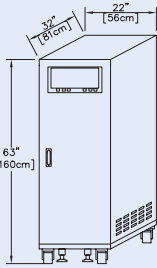
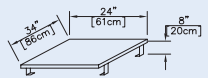
CHINIII THREE PHASE SERIES

THREE PHASE 60 MINUTES BACKUP CONFIGURATIONS								
STANDARD BATTERY SYSTEMS FOR 60 MINUTE RUNTIME	System Capacity Rating	8Kw	12kW	16kW	24kW	32kW	40kW	48kW
	ELI Dimensions WxDxH (in)	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"
	ELI Dimensions WxDxH (mm)	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600
	BBU Dimensions WxDxH (in)	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	2 * (47" x 32" x 78")	2 * (47" x 32" x 78")
	BBU Dimensions WxDxH (mm)	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	2 * (1,194 x 815 x 1,980)	2 * (1,194 x 815 x 1,980)
	System Configuration	A	A	A	A	B	B	B
	Estimated System Weight - lb/kg	2,455/1,114	3,010/1,366	3,667/1,664	4,751/2,156	6,783/3,077	8,509/3,860	8,818/4,000

THREE PHASE 90 MINUTES BACKUP CONFIGURATIONS								
STANDARD BATTERY SYSTEMS FOR 90 MINUTE RUNTIME	System Capacity Rating	8Kw	12kW	16kW	24kW	32kW	40kW	48kW
	ELI Dimensions WxDxH (in)	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"	22" x 32" x 63"
	ELI Dimensions WxDxH (mm)	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600	559 x 815 x 1,600
	BBU Dimensions WxDxH (in)	47" x 32" x 78"	47" x 32" x 78"	47" x 32" x 78"	2 * (47" x 32" x 78")	2 * (47" x 32" x 78")	3 * (47" x 32" x 78")	3 * (47" x 32" x 78")
	BBU Dimensions WxDxH (mm)	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	1,194 x 815 x 1,980	2 * (1,194 x 815 x 1,980)	2 * (1,194 x 815 x 1,980)
	System Configuration	A	A	A	B	B	C	C
	Estimated System Weight - lb/kg	2,933/1,331	4,387/1,990	4,464/2,025	8,223/3,730	8,377/3,800	11,981/5,435	12,290/5,575

For optimum battery life, ambient temperature should be between 20°C and 25°C. Operating batteries outside optimum ambient temperature will decrease battery life and potentially void warranty. Air conditioning is recommended where an ELI unit is installed.

CHINIII THREE PHASE SERIES

CONFIGURATIONS					CLEARANCE	
CONFIGURATION A					A	
	BATTERY CABINET 47" x 32" x 78" 1194 x 815 x 1980	ELI CABINET 22" x 32" x 63" 559 x 815 x 1600	DRIP SHIELD FOR ELI 24" x 34" x 1" 610 x 254 x 865		ELI	
					Side: Ø Back: 24" Front: 40"	
CONFIGURATION B						
	BATTERY CABINET 47" x 32" x 78" 1194 x 815 x 1980	BATTERY CABINET 47" x 32" x 78" 1194 x 815 x 1980	ELI CABINET 22" x 32" x 63" 559 x 815 x 1600	DRIP SHIELD FOR ELI 24" x 34" x 1" 610 x 254 x 865		
					B	
CONFIGURATION C						
	BATTERY CABINET 47" x 32" x 78" 1194 x 815 x 1980	BATTERY CABINET 47" x 32" x 78" 1194 x 815 x 1980	BATTERY CABINET 47" x 32" x 78" 1194 x 815 x 1980	ELI CABINET 22" x 32" x 63" 559 x 815 x 1600	DRIP SHIELD FOR ELI 24" x 34" x 1" 610 x 254 x 865	
					C	
					ELI	
					Side: Ø Back: 24" Front: 40"	
					BATTERY	
					Side: Ø Back: 24" Front: 40"	

CHINIII THREE PHASE SERIES

DEVELOPING A EMERGI-LITE CONTROL NUMBER									
1		2		3		4		5	
INPUT/OUTPUT VOLTAGE ^{1,3}		REQUIRED WATTAGE		RUNTIME		OPTIONAL OUTPUT CIRCUIT BREAKER		OTHER OPTIONS	
J	<input type="checkbox"/> = 208/120 // 208/120	I	<input type="checkbox"/> = 8kW	SR30	30 minutes	↓	↓	RCMP	Remote Control and Monitoring Panel
K	<input type="checkbox"/> = 480/277 // 208/120	J	<input type="checkbox"/> = 12kW	SR60	60 minutes			EMBP	External Maintenance Bypass ⁵
L	<input type="checkbox"/> = 600/347 // 208/120	K	<input type="checkbox"/> = 16kW	SR90	90 minutes ²			EWB10	10 Year Life Type Battery
M	<input type="checkbox"/> = 208/120 // 480 277	L	<input type="checkbox"/> = 24kW					EWB20	20 Year Life Type Battery
N	<input type="checkbox"/> = 480/277 // 480 277	M	<input type="checkbox"/> = 32kW					12HR	12 Hour Recharge Time
O	<input type="checkbox"/> = 600/347 // 480 / 277	N	<input type="checkbox"/> = 40kW						
P	<input type="checkbox"/> = 208/120 // 600 347	O	<input type="checkbox"/> = 48kW						
Q	<input type="checkbox"/> = 480/277 // 600 347								
R	<input type="checkbox"/> = 600/347 // 600 347								

4				
TYPE	VOLTAGE	AMP RATING	QTY	
ON	Normally On	A	120V ^{1,3}	15 amp rating ⁴
OF	Normally Off			1 - 15

The output circuit breaker supports normally on or normally off breakers. Specify type, voltage, amp rating, and quantity of breakers from the selection above.
If no option is desired, no entry is required. Move to the next step.

Example
 You need a three phase inverter system with a 600/347 volt input and a 208/120 volt output and you also need 24kW and a runtime of 90 minutes: CHINIILLSR90.

¹Input, output voltages are 3 phase 4 wire plus ground (wye) configuration. Consult factory for other voltage combinations.
²Longer runtimes available. Consult factory.
³Other voltage configurations available. Consult factory.
⁴Other amp configurations available. Consult factory.
⁵Internal Maintenance Bypass is included on all ELI units. Use the External Maintenance Bypass feature for additional isolation of ELI and to maintain utility power to lighting during maintenance.



*All information and specifications
contained in this catalogue are subject
to change without notice.*

Thomas & Betts

www.emergi-lite.com