

SINGLE PHASE SYSTEMS 1kVA to 2.8kVA

Designed with Industry Leading
Compact Footprint

Modular Design

**SAME SIZE FOOTPRINT
FOR EACH MODEL
10.5" D x 24.25" W**



Cabinet depicted is 2.2kVA. Dimensions shown on chart.

STANDARD FEATURES

- 98% Efficient Typical
- Automatic Event, Test, and Alarm Log
- User Programmable With Password Protection
- Input Circuit Breaker
- One Output Circuit Breaker
- RS232 Communications Port
- Space-Saving Design
- No Break 2ms Transfer Time
- NFPA 101 Self Testing and Data Logging
- Code Compliant : 90 Min. Runtime
- 65 KAIC Input Rating
- NEMA Type 1 Cabinet

OPTIONAL FEATURES

- Enhanced Communications
 - Expanded Building Management Protocols
 - BACnet or Modbus Communications Interface
 - NEW IoT Connect Cloud Software
- Internal or External Maintenance Bypass
- Summary Alarm
- Output Circuit Breakers
- Status Monitoring & Summary Form C Contacts
- Normally Off Output With Variable Time Delay
- Output Trip Alarms
- Wall Bracket, Floor Bracket, or Seismic
- Factory Startup & Training
- Extended Maintenance & Factory Warranty

SPECIFICATIONS

- Input Voltage: 120 or 277VAC | 1-Phase 2-Wire Plus Ground
- Output Voltage: 120 or 277VAC | 1-Phase 2-Wire Plus Ground
- Output Load Power Factor .5 Lag to .5 Lead
- Output Voltage Distortion Less Than 3% THD for Linear Loads
- Forced Air Cooling Only During Emergency Operation; No Filters Required
- Compatible with All Lighting and Motor Loads
- Compatible With Generators (10x Inverter Size)
- Custom Voltage Available (Contact Factory)

BLI-EM

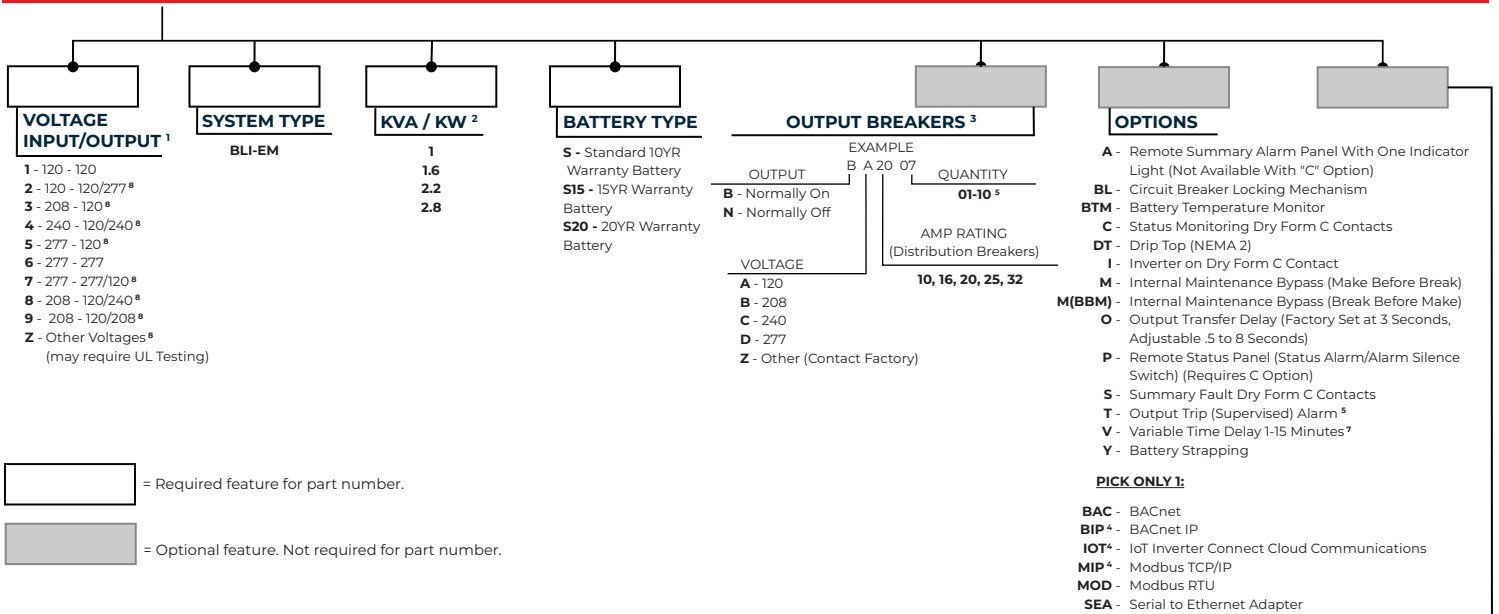
Emergency Lighting Inverter

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ORDERING GUIDE

EXAMPLE MODEL # 1-BLI-EM-4-S-BA2006-T-S-M-2YW



ACCESSORIES

- EMBP - External Maintenance Bypass Switch^A
- SPARES - Spare Fuses & Circuit Boards
- SPAREF - Spare Fuses

A) External Maintenance Bypass Switch is not available with Internal Distribution Breakers.

- Only single phase voltages available.
- KVA= KW
- If no output circuit breakers are specified a single output breaker will be supplied with each unit and the current rating will vary based on the output power and voltage rating of the unit.
- BIP/MIP/IOT: Options increase cabinet height by 8"
- Maximum specified output breakers available: 10 unsupervised (1-pole), or 6 supervised (1-pole). A 2-pole breaker takes 2 positions.
- One year warranty is standard.
- Variable time delay of normally off circuit after return of utility up to 15 minutes.
- For systems with voltages other than 120 in/out or 277 in/out system cabinet heights will vary. Contact factory.

DIMENSIONS

Electronics Module					Cabinet Dimensions*				Batteries 90 Minutes @ Full Load				Total System Weight (lbs / kg)
Partial Model Number	Power Rating (VA / W)	Efficiency (Typical Percent)	Audible Noise (db)	Heat Loss (BTU)	Width (in / cm)	Height (in / cm)	Depth (in / cm)	Weight (lbs)	90 Minutes Batteries (lbs / kg)	Number of Batteries	Voltage (VDC)	Current (amps)	
BLI-EM-1	1000	98	45	70	24.25 / 61.6	27.5 / 69.9	10.5 / 26.67	121 / 55	160 / 73	4	48	26	281 / 128
BLI-EM-1.6	1600	98	45	110	24.25 / 61.6	43.25 / 109.86	10.5 / 26.67	165 / 75	240 / 109	6	72	27	405 / 184
BLI-EM-2.2	2200	98	45	150	24.25 / 61.6	43.25 / 109.86	10.5 / 26.67	174 / 79	320 / 146	8	96	27	494 / 225
BLI-EM-2.8	2800	98	45	190	24.25 / 61.6	55 / 139.7	10.5 / 26.67	203 / 92	400 / 182	10	120	27	603 / 274

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