ILLUMINATOR EM YE **Emergency Lighting Inverter System** EMERGENCY & POWER SYSTEMS SINGLE PHASE SYSTEMS 1.0kVA/kW to 2.8kVA/kW **Designed with Industry Leading** Build America Trade UL 924 Listed Buy Self-Testing Self-Diagnostic American Act Buy America Act Compliant Agreements Act Compliant Compliant **Compact Footprint** SAME SIZE FOOTPRINT FOR EACH MODEL 10.5" D x 24.25" W 55" 43.25" 27.5" 24.5" 24.5" 24.5" 10.5 10.5' 10.5 EM-1 | 1000VA/W EM-2 | 1600VA/W & EM-3 | 2200VA/W EM-4 | 2800VA/W **STANDARD FEATURES OPTIONAL 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

- 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)

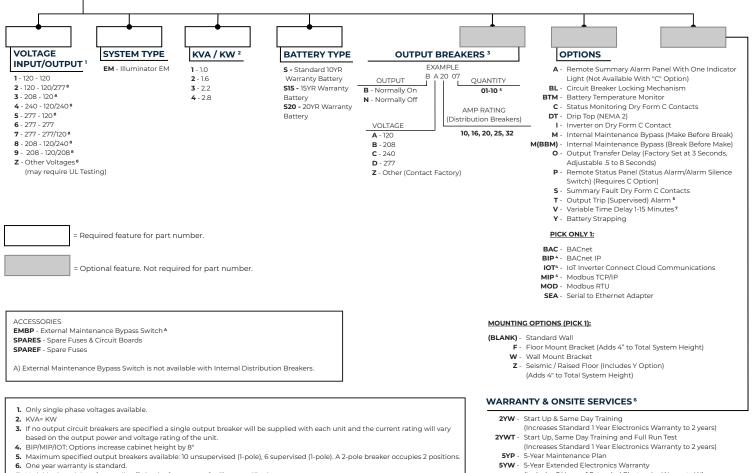
ILLUMINATOR EM

Emergency Lighting Inverter Single Phase Systems 1.0kVA/kW to 2.8kVA/kW



ORDERING GUIDE

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



- 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

- (Includes 3 Years of Extended Electronics Warranty When Combined With 2YW)
- TR Training (if Required on Day Other Than Start Up)

DIMENSIONS

Electronics Module									Batteries 90 Minutes @ Full Load				Total
Partial Model Number	Power Rating (VA / W)	Efficiency (Typical Percent)	Audible Noise (db)	Heat Loss (BTU)	Cabinet Dimensions*				90 Minutes	Number			System
					Width (in / cm)	Height (in / cm)	Depth (in / cm)	Weight (Ibs)	Batteries (lbs / kg)	of Batteries	Voltage (VDC)	Current (amps)	Weight (Ibs / kg)
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
EM-2	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
EM-3	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
EM-4	2800	98	45	190	24.25 / 61.6	55 / 139.7	10.5 / 26.67	203 / 92	400 / 182	10	120	27	603 / 274

*For systems with voltages other than 120 in/out or 277 in/out system cabinet heights will vary. Contact factory.