



CEPS-EM

Emergency Lighting Inverter System

Single Phase Systems 1.0KVA/KW to 2.8KVA/KW
Available to Ship Within 5 Days



Same size
footprint for
every model!

CEPS-EM-1 | 1000 VA/W

CEPS-EM-2 | 1600 VA/W
CEPS-EM-3 | 2800 VA/W

CEPS-EM-4 | 2800 VA/W

STANDARD FEATURES

- 98% Efficient (Typical)
- 65KAIC Input Rating
- NFPA 101 Self Testing and Data Logging
- User Programmable with Password Protection
- UL 924 Listed
- Automatic Event, Test and Alarm Log
- Compatible with all lighting loads including HID/LED
- Input Circuit Breaker
- One Output Circuit Breaker
- 90 Minute Run Time
- No Break 2ms Transfer Time
- Wall Hung Units (No Mounting Brackets)

OPTIONAL FEATURES

- Enhanced Communications
 - Expanded Building Management Protocols
 - BACnet or Modbus Communications Interface
- Internal Maintenance Bypass
- Summary Form C Contacts
- Status Monitoring Contacts
- Output Circuit Breakers
- Normally Off Output with Variable Time Delay
- Output Trip Alarms
- Remote Summary Alarm Panel
- Wall Brackets, Floor, or Seismic Mounting
- Extended Factory Warranty, Factory Startup and Training

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 Distortion Less than 3% THD for Linear Loads
- Forced Air Cooling Only During Emergency Operation;
No Filters Required

- Electronic and Magnetic Ballast Compatible
- Generator Compatibility
- Custom Voltages Available
- 90 Minute Runtime Standard

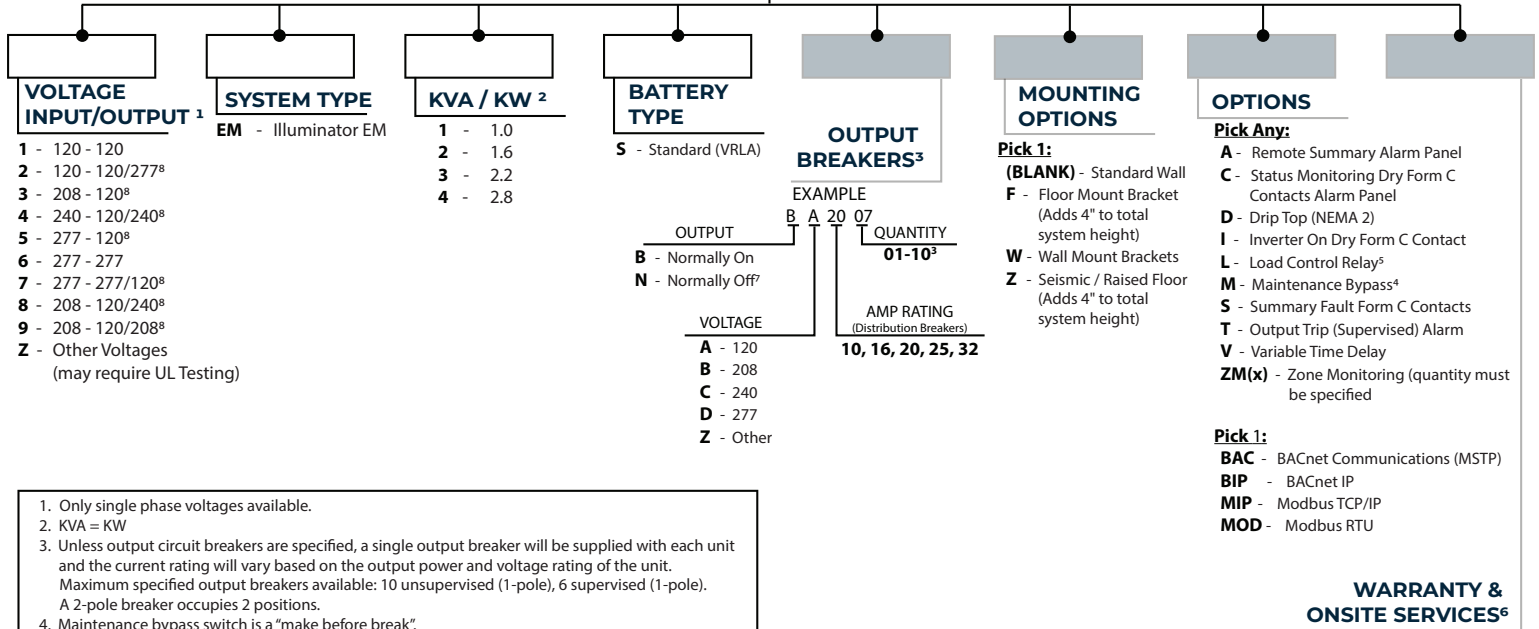
*Other Voltages Available



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Specifications subject to change without notice.

ORDERING GUIDE

Example Model Number:
1-EM-4-S-BA2007-T-S-M-2YW



1. Only single phase voltages available.
2. KVA = KW
3. Unless 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. Maximum specified output breakers available: 10 unsupervised (1-pole), 6 supervised (1-pole). A 2-pole breaker occupies 2 positions.
4. Maintenance bypass switch is a "make before break".
5. Contact factory for load control applications.
6. One year warranty is standard.
7. Circuit breaker protection provided.
8. Enclosure height may increase. Contact factory.

= Required feature for part number.
 = Optional feature. Not required for part number.

DIMENSIONS

Electronics Module									Batteries 90 Minutes @ Full Load				
Model Number	Power Rating (VA / W)	Efficiency (Typical %)	Audible Noise (db)	Heat Loss (BTU)	Cabinet Dimensions				90 Minutes Batteries (lbs / kg)	Number of Batteries	Voltage (VDC)	Current (amps)	Total System Weight (lbs / kg)
					Width (in / cm)	Height (in / cm)	Depth (in / cm)	Weight (lbs / 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

