

Illuminator E

Emergency Lighting Inverter System

Single Phase Systems 1.5KVA/KW to 16.7KVA/KW
For All Lighting & Motor Loads

Models 1.5kVA to 5.0kVA



Models 6.0kVA to 16.7kVA



STANDARD FEATURES

- 98% Efficient (Typical)
- PWM/IGBT Technology
- Micro-Processor Control
- User Programmable with Password Protection
- UL 924 Listed
- Automatic Event, Test and Alarm Log
- RS232 Communications Port
- Input Circuit Breaker
- 2ms Transfer Time
- Low Audible Noise
- Space-Saving, Single Cabinet Design
- 65kAIC Withstand Rating

OPTIONAL FEATURES

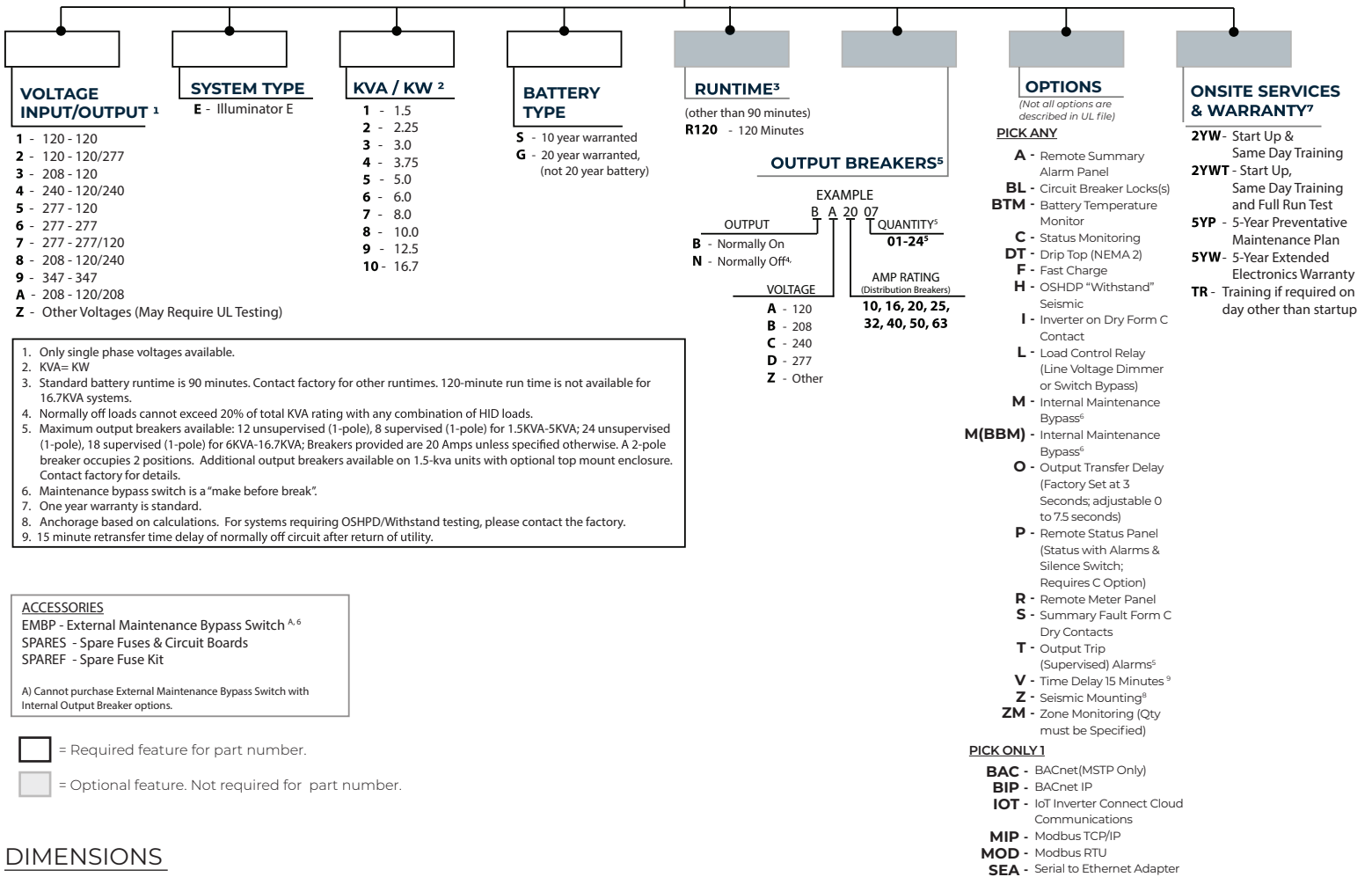
- Enhanced Communications
Expanded Building Management Protocols
BACnet or Modbus Communications Interface
NEW IoT Connect Cloud Software
- Internal Maintenance Bypass
- Summary Alarm Dry Form C Contacts
- Status Monitoring Dry Form C Contacts
- Remote Meter Panel
- Output Circuit Breakers
- Factory Startup and Training
- Normally Off Output
- Output Trip Alarms
- Remote Summary and Remote Status Alarm Panels

SPECIFICATIONS

- Input 120 or 277VAC 1 Phase 2 Wire Plus Ground
- Output 120 or 277VAC 1 Phase 2 Wire Plus Ground
- Output Load Power Factor .5 Lag to.5 Lead
- Compatible with all LED Drivers
- Forced Air Cooling Only During Emergency Operation;
No Filters Required
- Output Distortion Less than 3% THD for Linear Loads
- Generator Compatibility
- Custom & Mixed Voltages Available
- 90 Minute Runtime Standard;
Extended Runtimes Available upon Request

ORDERING GUIDE

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



DIMENSIONS

Electronics Module									Batteries 90 Minutes @ Full Load				
Partial Model Number	Power Rating (KVA / KW)	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)					
E-1-S	1.5	98	45	102	30 / 77	47 / 119	25 / 64	215 / 98	296 / 135	4	48	39	511 / 230
E-2-S	2.25	98	45	153	30 / 77	47 / 119	25 / 64	230 / 105	444 / 200	6	72	38	679 / 306
E-3-S	3.0	98	45	204	30 / 77	47 / 119	25 / 64	235 / 107	592 / 266	8	96	38	827 / 372
E-4-S	3.75	98	45	255	30 / 77	47 / 119	25 / 64	240 / 109	740 / 330	10	120	37	980 / 441
E-5-S	5.0	98	45	340	30 / 77	47 / 119	25 / 64	280 / 128	888 / 400	12	144	40	1168 / 525
E-6-S	6.0	98	45	408	48 / 122	76 / 193	25 / 64	605 / 272	1110 / 500	15	180	40	1715 / 772
E-7-S	8.0	98	45	544	48 / 122	76 / 193	25 / 64	640 / 288	1480 / 666	20	240	39	2120 / 954
E-8-S	10.0	98	45	680	48 / 122	76 / 193	25 / 64	785 / 353	1776 / 800	24	144	82	2561 / 1153
E-9-S	12.5	98	45	860	48 / 122	76 / 193	25 / 64	805 / 362	2220 / 999	30	180	82	3025 / 1361
E-10-S	16.7	98	45	1135	48 / 122	76 / 193	25 / 64	885 / 398	2960 / 1332	40	240	80	3845 / 1730

