

ILLUMINATOR CR

Outdoor-Rated Emergency Lighting Inverter System



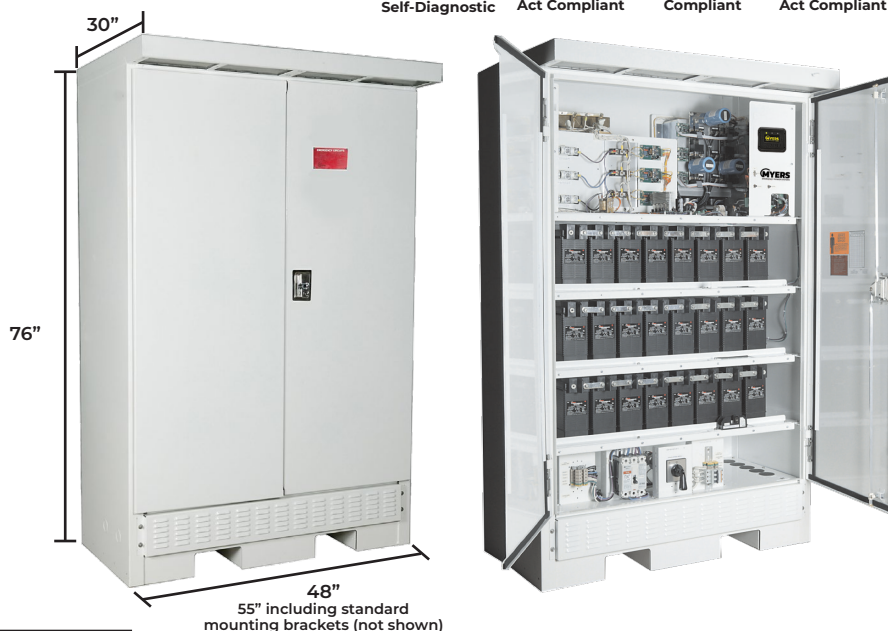
SINGLE PHASE SYSTEMS

3kVA/kW to 8kVA/kW

Designed with Industry Leading
Compact Footprint

The CR outdoor-rated cabinet facilitates installation in remote locations and where space is not available indoors.

Based upon more than 30 years of engineering and manufacturing expertise, the CR Series combines all of the features that deliver reliability, versatility and ease of operation & maintenance with the latest technology to create an industry-leading solution.



STANDARD FEATURES

- UL 924 Listed for Operating Temperatures 10° to 40°C (50° to 104°F)
- NEMA 3R Enclosure with Extra Variable Speed Temperature Controlled Fans for Forced Air Cooling
- White, Exterior Grade, Baked Powder Coat Painted Steel Enclosure
- Conformal Coat all Printed Circuit Boards
- Maintenance Bypass (Internal) - Make Before Break
- Summary Dry Form C Contacts
- Seismic Bracing
- CORBIN - Corbin CAT60 Locks; 3-Point Lock

OPTIONAL FEATURES

- Enhanced Communications
 - Expanded Building Management Protocols
 - BACnet or Modbus Communications Interface
 - NEW IoT Connect Cloud Software
- Remote NEMA 1 Panels
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup and Training
- Normally Off Output
- Output Trip Alarms
- Stainless Steel Cabinet
- Microprocessor-Controlled Convection Heater

SPECIFICATIONS

- Output Load Power Factor .5 Lag to .5 Lead
- Output Distortion Less Than 3% THD for Linear Loads
- Generator Compatibility
- 90 Minute Runtime Standard
- Compatible with Electronic and Magnetic Ballasts and LED Drivers
- Custom Voltages Available
- Output Load Power Factor .5 Lead to .5 Lag
- Temperature Controlled Forced Air Cooling, No Filters Required

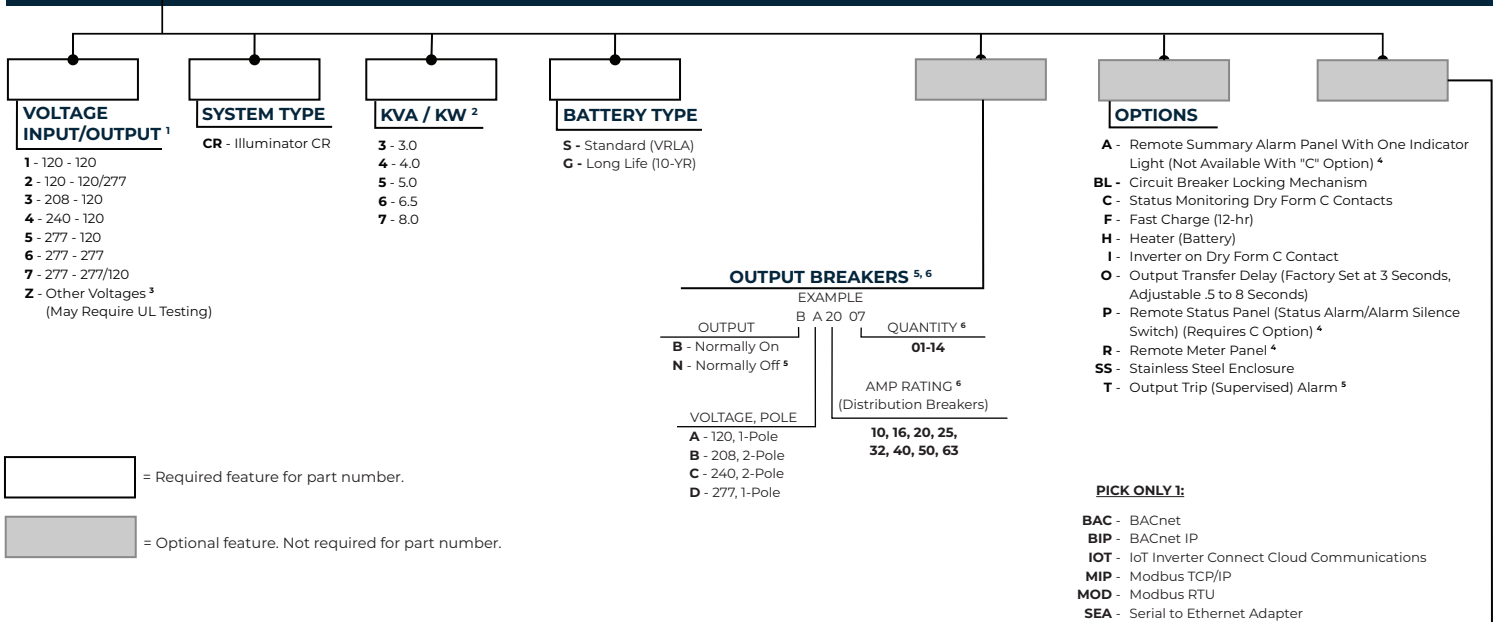
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Outdoor-Rated Emergency Lighting Inverter Single Phase Systems 3kVA/kW to 8kVA/kW



ORDERING GUIDE

EXAMPLE MODEL # 1-CR-4-S-BA2007-F-T-2YW



ACCESSORIES

EMBP-K - External Maintenance Bypass Switch with Key Locked Enclosure^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
- May require external NEMA 3R Transformer Cabinet. Consult factory.
- NEMA 1 enclosure
- Normally off load systems cannot exceed 20% of total kVA rating with any combination of HID loads.
- Maximum output breakers available: 14 unsupervised (1-pole), 8 supervised (1-pole). A 2-pole breaker occupies 2 positions. Breakers provided are 20 Amps unless specified otherwise. List all breaker requirements separately -- ex: BA2007-NA1001.
- One-year warranty is standard.

WARRANTY & ONSITE SERVICES⁷

- 2YW** - Start Up & Same Day Training
(Increases Standard 1 Year Electronics Warranty to 2 years)
- 2YWT** - Start Up, Same Day Training and Full Run Test
(Increases Standard 1 Year Electronics Warranty to 2 years)
- 5YP** - 5-Year Maintenance Plan
- 5YW** - 5-Year Extended Electronics Warranty
(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 System		
Partial Model Number	Power Rating (KVA / KW)	Efficiency at Full Load (Typical)	Audible Noise (dBA @ 1m)	Heat Loss (BTU)	Cabinet Dimensions				Total Battery Weight (lbs)	Number of Batteries	Voltage (VDC)	Current (Amps)	Run Time (Mins)	Dimensions W ⁹ X H X D (in)	Weight (lbs)
					Width (in / cm)	Height (in / cm)	Depth (in / cm)	Weight (lbs)							
CR-3	3.0	98	45	255	54 / 137	76 / 193	30 / 76	805	740	10	120	31	90	54 x 76 x 30	1545
CR-4	4.0	98	45	340	54 / 137	76 / 193	30 / 76	805	888	12	144	31	90	54 x 76 x 30	1693
CR-5	5.0	98	45	408	54 / 137	76 / 193	30 / 76	805	1110	15	180	31	90	54 x 76 x 30	1915
CR-6	6.5	98	45	544	54 / 137	76 / 193	30 / 76	805	1480	20	240	31	90	54 x 76 x 30	2285
CR-7	8.0	98	45	680	54 / 137	76 / 193	30 / 76	805	1776	24	144	65	90	54 x 76 x 30	2581