

## Illuminator DR

Outdoor-Rated Emergency Lighting Inverter System

Three Phase Systems 4KVA/KW to 10KVA/KW



### 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

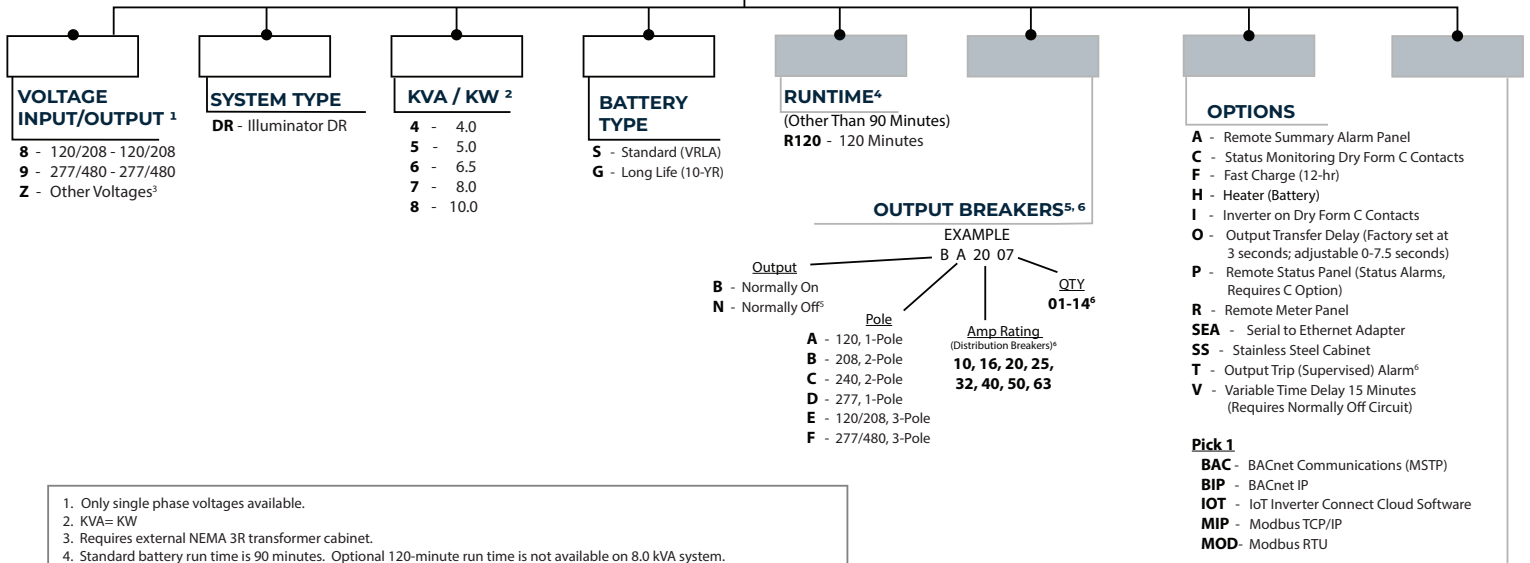
- Enhanced Communications
  - Expanded Building Management Protocols
  - BACnet or Modbus Communications Interface
  - NEW IoT Connect Cloud Software**
- Remote Meter Panel
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup and Training
- Normally Off Output
- Output Trip Alarms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

### SPECIFICATIONS

- Output Load Power Factor .5 Lag to .5 Lead
- Electronic and Magnetic Ballast Compatible
- 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; 3-Phase Input 120/208V or 277/480V 4W+ Ground
- Output Load Power Factor .5 Lead to .5 Lag
- Temperature Controlled Forced Air Cooling, No Filters Required

# ORDERING GUIDE

Example Model Number:  
1-DR-4-S-BA2007-F-T-S-2YW



- Only single phase voltages available.
- KVA= KW
- Requires external NEMA 3R transformer cabinet.
- Standard battery run time is 90 minutes. Optional 120-minute run time is not available on 8.0 kVA system.
- 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, and a 3-pole breaker occupies 3 positions. Breakers provided are 20 Amps unless specified otherwise. List all breaker requirements separately – ex: BA2007-NA1001.
- One-year warranty is standard.

## WARRANTY<sup>7</sup>

- 2YW - Start Up & Same Day Training
- 2YWT - Start Up, Same Day Training and Full Run Test
- 5YP - 5-Year Preventative Maintenance Plan
- 5YW - 5-Year Extended Electronics Warranty
- TR - Training If Required On Day Other Than Start Up

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

## DIMENSIONS

Model Reference	Electronics Module									Batteries				
	Power Rating (kW / kVA)		# of Phases	Efficiency @ Full Load (Typical)		Audible Noise (dBA @ 1m)	Heat Loss (BTU)			Cabinet Dimensions	Number of Batteries	Voltage (VDC)		
	Width	Height		Depth	Weight		Weight	Current (Amperes)	Run Time (mins)					
	in/cm	in/cm	in/cm	lbs/kg	lbs/kg									
DR-4	4.0	3	98	45	326	54/137	76/193	30/76	995/451	888/403	12	144	39	90
DR-5	5.0	3	98	45	408	54/137	76/193	30/76	995/451	1110/504	15	180	39	90
DR-6	6.5	3	98	45	544	54/137	76/193	30/76	995/451	1480/672	20	240	39	90
DR-7	8.0	3	98	45	680	54/137	76/193	30/76	1099/499	1776/806	24	144	81	90
DR-8	10.0	3	98	45	680	54/137	76/193	30/76	1099/499	1776/806	24	144	81	90

