

Illuminator CR/DR

Emergency Lighting Inverter System

Uninterruptible Power System

Single Phase 3kVA to 8kVA - Three Phase 4kVA - 8kVA - NEMA 3R Outdoor Enclosure



STANDARD FEATURES

- UL 924 listed for operating temperatures -20° to 40°C (-4° to 104°F)
- Single Cabinet design for batteries and inverter
- Internal maintenance bypass switch
- Automatic Event, Test and Alarm Logs
- Input Circuit Breaker
- PWM/IGBT Technology
- User Programmable with Password Protection
- RS232 Communications Port

OPTIONAL FEATURES

- Microprocessor-controlled Convection Heater
- Stainless Steel Enclosure
- Modem
- Remote Meter Panel
- Output Circuit Breakers
- Extended Factory Warranty
- Factory Startup and Training
- Normally Off Output
- Output Trip Alarms

SPECIFICATIONS

- Output Load Power Factor .5 Lag to .5 Lead
- Electronic and Magnetic Ballast Compatible
- Output Distortion Less Than 3% THD for Linear Loads
- Temperature Controlled Forced Air Cooling, No Filters Required
- Generator Compatibility

- 90 Minute Runtime Standard
- Custom Voltages Available
- 1 Phase Input 120V or 277V 2W+Ground
- 3 Phase Input 120/208V or 277/480V 4W+Ground
- Output Load Power Factor .5 Lead to .5 Lag

Input	Voltage Power Walk-in Frequency Synchronizing Slew Rate Protection Harmonic Distortion Power Factor	Walk-in limiting inrush current to less than 125%, 10 times for 1 line cycle 60Hz +/- 3% 1Hz per second nominal Input Circuit Breaker < 10%
Output	Dynamic Voltage Harmonic Distortion	Load current change +/-2%, battery discharge +/-12.5% +/- 2% for +/-25% load step change, +/-3% for a 50% load step change, recovery within 3 cycles < 3% THD for linear load Fuse protected 60Hz +/05Hz during emergency mode .5 lag to .5 lead 115% for 5 minutes; 125% for 12 line cycles.
Battery		Fuse
Environmental	Altitude Operating Temperature Storage Temperature Relative Humidity	50° to 104° Fahrenheit (10° to 40° Celsius)* 4° to 104°F (-20° to 40°C) with optional heater -4° to 158° Fahrenheit (-20° to 70° Celsius) (electronics only)
General		Compatible with generators. Microprocessor controlled 2 x 20-character LCD display with touch pad controls/functions, 5 LED indicators & alarm status indicator. Input & Output Voltage, Battery Voltage, Battery & Output Current, Output VA, Temperature, Inverter Wattage High/Low Battery Charger Fault, Near Low Battery, Low Battery, Load Reduction Fault, Output Overload, High/Low AC Input Volts, High Ambient Temperature, Inverter Fault, Output Fault, Optional Circuit Breaker Trip RS-232 port (DB9) Internal (standard) Make before break Summary Form "C" Contacts (standard) 1 year standard warranty includes all parts, labor, & travel expenses within 48 contiguous states. Up to 5 years pro-rated warranty on batteries available. Preventative maintenance and customized service plans are available. Purchase factory start-up & receive 1 additional year of warranty.
Physical	Cooling Cable Entry	NEMA type 3R, freestanding, two-door, weather resistant powder coat CRS standard; stainless steel optional Forced Air. Temperature controlled fans. Sides and bottom Front ONLY Standard

Locking Device 3-Point locking latch with Corbin 60 lock

	P		ating (I of Pha	kW / kVA ses	<u>4)</u>										
		Ē		fficiency	@ Full I								V-14		
						ise (dBA @					Number of	Voltage (VDC)			
					Heat	Loss (BTU)) Dimension	_			Batteries	1		Cu	rrent (Amperes)
						Width ⁴	Height	Depth	Weight	Weight					Run Time (mins) ³
Model						widui	neight	Deptil	weight	weight					
Reference						in/cm	in/cm	in/cm	lbs/kg	lbs/kg					
CR-3	3.0	1	98	45	255	48/122	76/193	30/76	805/365	740/335	1	0 1	20	37	90
CR-4	4.0	1	98	45	340	48/122	76/193	30/76	805/365	888/403	1	2 1	44	40	90
CR-5	5.0	1	98	45	408	48/122	76/193	30/76	805/365	1184/538	1	5 1	80	40	90
CR-6	6.5	1	98	45	544	48/122	76/193	30/76	805/365	1480/672	2	0 2	40	39	90
CR-7	8.0	1	98	45	680	48/122	76/193	30/76	805/365	1776/806	2	4 1	44	82	90
DR-4	4.0	3	98	45	326	48/122	76/193	30/76	995/451	888/403	1	2 1	44	39	90
DR-5	5.0	3	98	45	408	48/122	76/193	30/76	995/451	1110/504	1	5 1	80	39	90
DR-6	6.5	3	98	45	544	48/122	76/193	30/76	995/451	1480/672	2	0 2	40	39	90
DR-7	8.0	3	98	45	680	48/122	76/193	30/76	1099/499	1776/806	2	4 1	44	81	90

| Batteries²

* UL Rating: 50° to 104° F (10° to 40° C) with optional heater -4° to 104° F (-20° to 40° C) Note: UL rating accounts for battery performance which can be affected by temperature.



1 During Emergency mode. 2 Batteries are installed internally to the Electronics Module 3 See "Operating Temperature" above and *** note to maintain 90 minute run time. 4 Floor mount brackets provided; add 2.5" to each side (53"W total).

800-526-5088 www.myerspowerproducts.com