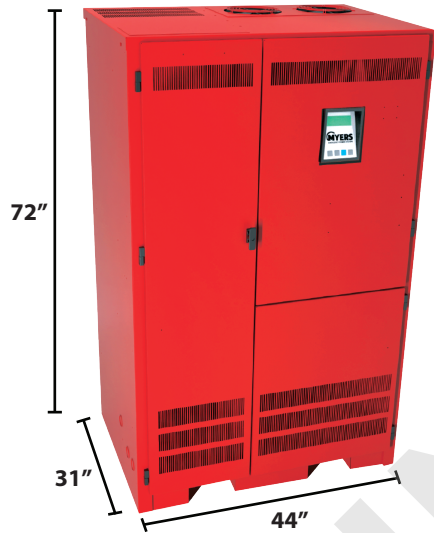


ILLUMINATOR HYPERNOVA 3-Phase Emergency Lighting Inverter

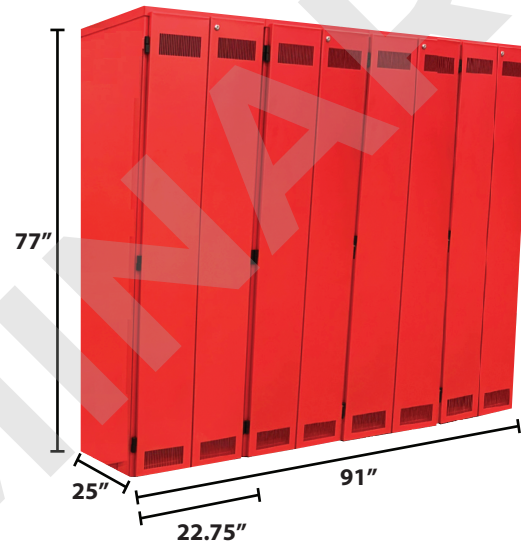


3-Phase System 60kVA/kW

Electronics Cabinets



Battery Cabinets



STANDARD FEATURES

- UL 924 Listed
- 98% Efficient (Typical)
- PWM/IGBT Technology & Microprocessor Control
- Internal Maintenance Bypass
- User Programmable with Password Protection
- Automatic Event & Alarm Log
- RS232 Communications Port
- Input Circuit Breaker
- Low Audible Noise

OPTIONAL FEATURES

ENHANCED COMMUNICATIONS

- Expanded Building Management Protocols
- BACnet or Modbus Communications Interface
- NEW IoT Connect Cloud Software

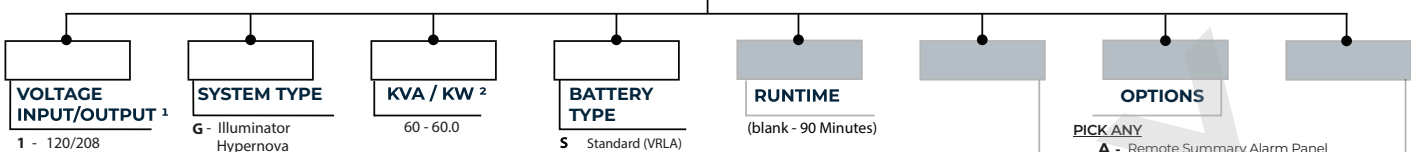
- External Maintenance Bypass
- Status Monitoring Dry Form C Contacts
- Summary Dry Form C Contacts
- Output Circuit Breakers
- Remote Meter Panel
- Extended Factory Warranty, Startup & Training

SPECIFICATIONS

- Input and Output 277/480 VAC, 3-Phase 4-Wire Wye Configuration
- Output Load Power Factor .5 Lag to .5 Lead
- LED, Electronic & Magnetic Ballast Compatible
- Output Distortion Less Than 3% THD For Linear Loads
- Forced Air Cooling Only During Emergency Operation; No Filters Required
- Generator Compatibility
- 90 Minute Runtime Standard; Additional Runtimes Available Upon Request

ORDERING GUIDE

Example Model Number:
2-G-60-S-C-BAC-2YW



VOLTAGE INPUT/OUTPUT¹
1 - 120/208
2 - 277/480

SYSTEM TYPE
G - Illuminator
Hypervnova
Inverter System

KVA / KW²
60 - 60.0

BATTERY TYPE
S Standard (VRLA)

RUNTIME
(blank - 90 Minutes)

OUTPUT BREAKERS⁵

- OPTIONS**
- PICK ANY**
- A - Remote Summary Alarm Panel
 - BTM - Battery Temperature Monitor
 - BL - Breaker Locks
 - C - Status Monitoring Dry Form C Contacts
 - DT - Drip Top (1 per cabinet when required)
 - EMBP - External Maintenance Bypass (Make-Before-Break)
 - F - Fast Charge
 - I - Inverter On Dry Form C Contacts
 - L - Load Control Interface (Dimmer/Switch Bypass)
 - M(BBM) - Internal Maintenance Bypass (Make-Before-Break)
 - O - Output Transfer Delay (3 Seconds)
 - P - Remote Status Panel (Requires Option C)
 - S - Summary Dry Form C Contacts
- SPAREF - SPARES**
- T - Spare Fuses
 - SPAREF - Spare Fuses & Circuit Boards
 - U - Output Trip (Supervised) Alarm
 - V - Time Delay 15 Minutes
 - Z - Seismic Bracing/Mounting
 - ZM(x) - Zone Monitoring (qty. must be specified)
- PICK ONLY¹**
- SEA - Serial to RJ45 Ethernet Adapter
 - BAC - BACnet
 - BIP - BACnet IP
 - IOT - IoT Inverter Connect Cloud Communications
 - MIP - Modbus TCP/IP
 - MOD - Modbus RTU
 - R - Remote Meter Panel

1. Standard input voltage is 4-Wire Wye. 3-Wire Delta Input requires an external isolation transformer. For any other supply voltages (e.g., 120/208 V), we need step-up/step-down transformers at the input and output. Contact factory.
2. KVA = KW
3. Standard Battery run time is 90 minutes. 60 kVA is not available for extended runtime.
4. Warranty is 1 year standard includes all parts for electronics; Batteries are 1 year full, 9 years prorated (unless 20-year warranty battery is chosen).
5. For output breakers, contact factory.

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

- WARRANTY & ON-SITE SERVICES**⁴
- 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 On Day Other Than Start Up Date

DIMENSIONS (90 MINUTE RUN SYSTEMS)³

Partial Model Number	UPS Electronics Module					Batteries		Battery Module					Total System Weight lbs/kg							
	Power Rating (kVA)		Power Rating (kW)			Number of Batteries	Total Battery Weight lbs/kg	Voltage (VDC)		Number of Battery Cabinets										
	60.0	60.0	98	45	4080			Current (Amperes)	Run Time (mins)	Cabinet Dimensions										
	Efficiency (@ full load) (Typical)		Audible Noise (dBA @ 1m)			Heat Loss (BTU)				Cabinet Dimensions										
	Width		Height		Depth		Weight		Width	Height	Depth	Weight		Cabinet Dimensions						
in/cm		in/cm		in/cm		lbs/kg		in/cm	in/cm	in/cm	lbs/kg	Width	Height	Depth	Weight					
G-60	60.0	60.0	98	45	4080	44/112	72/183	31/79	1460/658	9600/4360	80	240	291	90	91/232	77/196	25/64	1500/680	4	12560/5704

Contact factory for availability: quotes@myerseps.com