

ILLUMINATOR LV

Emergency Lighting Inverter



SINGLE PHASE SYSTEMS

175VA/W to 1100VA/W



175VA/W



350 to 550VA/W



750VA/W



1100VA/W

STANDARD FEATURES

- High Efficiency System
- Compatible With Incandescent, Fluorescent, LED & Quartz
- Input Fuse and Battery Fuse Protection
- 90 Minute Run Time
- System Status Indicators & Momentary Test Switch
- Red Wall Mounted Cabinet
- High Crest Factor and Inrush Capabilities
- Pure Sine Wave
- Summary Fault Dry Form C Contacts
- NEMA Type 1 Cabinet

OPTIONAL FEATURES

- Enhanced Communications
 - Expanded Building Management Protocols
 - BACnet or Modbus Communications Interface
 - NEW IoT Connect Cloud Software
- Status Monitoring Contacts
- Output Circuit Breakers (Except on 175VA/W Systems)
- Floor Mount
- Battery Strapping
- Plenum Rated 175VA Grid Mount Only
- Automatic Event, Test and Alarm Log
- NFPA 101 Self Testing and Data Logging
- Factory Startup and Training

SPECIFICATIONS

- Input Voltage: Field Selectable at 120VAC or 277VAC; 1-Phase 2-Wire Plus Ground +10% to -15%
- Relative Humidity < 95% (Non-Condensing)
- Load Power Factor: 0.5 Lagging to 0.5 Leading
- Output Voltage Distortion < 10% for Resistive Loads
- Line Interactive PWM Inverter Type Utilizing MOSFET Technology
- Compatible With Generators (10x Inverter Size)
- Maintenance Free VRLA Batteries
- Microprocessor-Controlled, 3-Stage Battery Charger
- Alarms Include Monthly Test Fault, Yearly Test Fault, Charger Fault, Load Reduction Fault, Output Voltage Low, Output Voltage High, Overload Fault, Low Voltage Disconnect, Heatsink Over Temp and Input Fuse Failure
- 10kAIC at 120VAC; 1.5kAIC at 277VAC
- Inverter Operating Temp. 32°F/0°C to 104°F/40°C
- Battery Operating Temp. 68°F/20°C to 86°F/30°C per UL 924 Specifications

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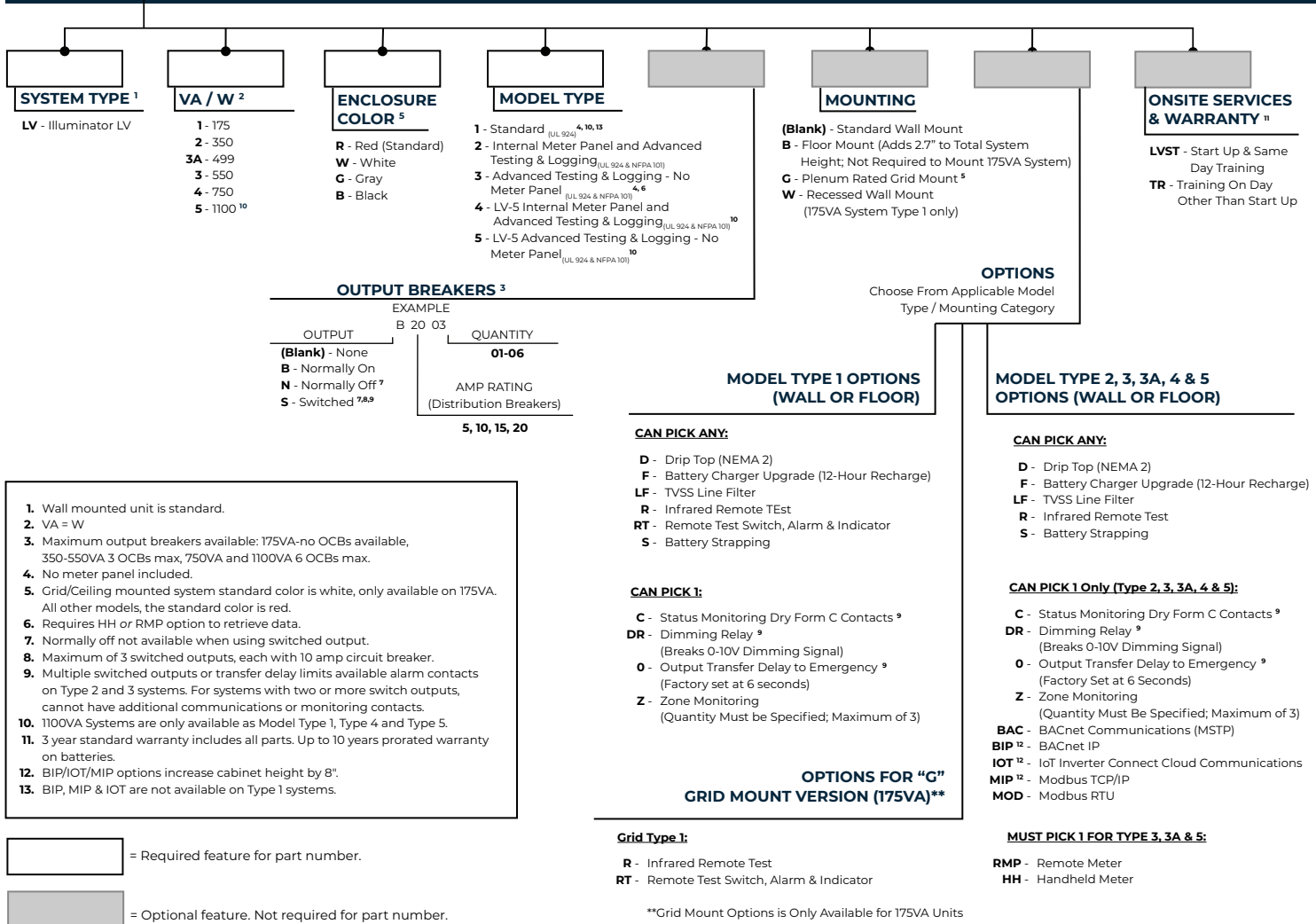
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ORDERING GUIDE

EXAMPLE MODEL # LV-4-R-3-B2003-F-HH-LVST



DIMENSIONS

Electronics Module						Batteries 90 Minutes @ Full Load			Total System Weight (lbs)
Partial Model Number	Power Rating (VA / W)	Cabinet Dimensions				90 Minute Batteries (lbs / kg)	Number of Batteries	Voltage (VDC)	
		Width (in / cm)	Height (in / cm)	Depth (in / cm)	Weight (lbs / kg)				
LV-1 Plenum Rated Grid Mount	175	23.9 / 60.6	7.5 / 19.1	8 / 20.3	23 / 10.4	25 / 11.4	1	12	48 / 21.8
LV-1 Recessed Wall Mount	175	16.3 / 41.3	19.8 / 50.2	6.5 / 16.5	30 / 13.6	25 / 11.4	1	12	55 / 25
LV-1 Standard	175	14.3 / 36.2	17.8 / 45.1	6.5 / 16.5	30 / 13.6	25 / 11.4	1	12	55 / 25
LV-2	350	19 / 48.3	22 / 55.9	9.3 / 23.5	50 / 22.7	50 / 22.7	2	24	100 / 45.4
LV-3A	499	19 / 48.3	22 / 55.9	9.3 / 23.5	55 / 24.9	75 / 34	3	36	130 / 59
LV-3	550	19 / 48.3	22 / 55.9	9.3 / 23.5	55 / 24.9	75 / 34	3	36	130 / 59
LV-4	750	25.3 / 64.2	22 / 55.9	9.3 / 23.5	80 / 36.3	100 / 45.4	4	48	180 / 81.7
LV-5	1100	26 / 66.1	25.3 / 64.3	10.1 / 25.7	87 / 39.5	159 / 72	4	48	246 / 111.5