Illuminator LV
Emergency Lighting Inverter System

Single-Phase Emergency Lighting Systems: 175VA, 350VA, 550VA and 750VA

**Standard Features**
- PWM/MOSFET pure sine wave inverter technology
- High crest factor and inrush capabilities
- Red wall mount cabinet
- High efficiency; no fans required
- 3 stage battery charger extends battery life
- UL924 self testing and diagnostic
- Compatible with LED, HID, fluorescent, incandescent, quartz and electronic low voltage lighting
- Input Fuse and Battery Fuse protection
- System status indicators and momentary test switch
- Maintenance free VRLA batteries
- Microprocessor controlled
- UL924 listed
- Output Normally On and Switched or Normally Off (with 15 Minute Time Delay) output
- 120 volt input/output or 277 volt input/output (field selectable)
- Summary alarm Form C dry contacts
- NYC Approved

**Optional Features**
- Output circuit breakers available
  (see note 6 on ordering guide for available quantities)
- Grid and Recessed mount enclosures for 175VA system
- System Meter Panel with OLED Display provides access to system logs and programming
- External Meter panel available in recessed or hand held enclosures
- Alternate colors available; white, black and grey
- Enhanced metering system (Includes Input, Output Voltage and Current, Output VA, Battery Cycle Monitoring, Battery Current, Battery Voltage and Temperature)
- Variable time delayed Normally Off output (requires meter panel)
- Extended runtimes
- 12 HR Fast Recharge

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175VA/W
(also available in Recessed and Grid Mount Enclosure)

350 / 550VA/W

750VA/W

14.25” 6.47” 19.06”
9.25” 9.25” 22”
17.75” 22” 25.25”

120 volt input/output or 277 volt input/output
**SPECIFICATIONS**

**SYSTEM TYPE**
LV - Illuminator Series "LV"

**ACCESSORIES**
HH - Handheld Meter Panel
RMP - Remote Meter Panel

**OPTIONS**
W - Recessed wall mount (175 watt only)
G - Grid Mount (175 watt only)
B - Floor Mount (not available on 175 watt)
F - Fast Charge Option

**MODEL TYPE**
1. Standard (UL924)
2. Internal Meter Panel (UL924 & NFPA101)
3. Advanced Testing & Logging (UL924 & NFPA101)

**ENCLOSURE COLOR**
R - Red (Standard)
W - White
G - Grey
B - Black

**OUTPUT BREAKERS**
Example: B 20 03

**OUTPUT**
X - None
B - Normally On
N - Normally Off
S - Switched

**AMP RATING**
5, 10, 15, 20

**QUANTITY**
T-6

**VA/W**
1 - 175
2 - 350
3 - 550
4 - 750

**MODEL NUMBER**
LV-2-R-2-B2003-F-

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**Specifications are subject to change without notice 03/01/14**