

■ Commercial Battery Units

| | |
|------------------------------------|----|
| IC-2 Series..... | 24 |
| LCA-2SQ Series | 25 |
| LCA-2MRS Series (NEW) | 26 |
| Cavalier II (CA-2) Series | 27 |
| DM, DS Series..... | 28 |
| MC Series (NEW) | 29 |
| MA Series (NEW) | 30 |
| MG, MN Series | 31 |
| PG, P12G Series..... | 32 |
| PN, P12N Series | 33 |
| PQ, P12Q Series..... | 34 |

■ IC-2 Series



6 Volt Ultra-Slim Emergency Unit
Sealed Maintenance-Free Lead Calcium Battery
UL Listed
Damp Location Listed

The **IC-2 Series**, is an aesthetically attractive, economical unit ideal for commercial or institutional facilities. This unit offers reliable performance in a low profile, contemporary design.

■ FEATURES

Reliability

The **IC-2 Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

The compact, ultra-slim housing and prismatic lenses are constructed of an injection-molded, tough thermoplastic body that will not scratch or corrode. It has a lightly textured "mist white" finish that blends well with any decor. All units come with a pre-wired AC to save time and installation costs. Simply wire the mounting plate to the building AC and secure. Then, using the AC quick connect plug, snap the housing onto the mounting plate and the unit is ready to be powered. Attractive and versatile, the IC-2 Series battery units can be mounted in any orientation on walls and ceilings.

Lamp

Standard with two 6-watt, high intensity, wedge base incandescent lamps.

Charger

- Automatic, temperature compensated, charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery.
- Automatic brownout protection.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.08/0.04 Amp

■ ACCESSORIES

(Order as a separate item)

Wire GuardWG13-L

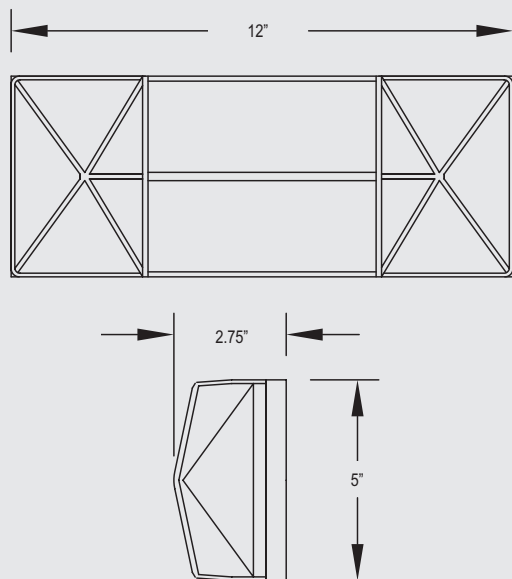
■ UNIT RATING CHART

| Volts | Model No. | *Watts to 87-1/2% of Rated Battery Voltage | |
|-------|-----------|--|--------|
| | | 1 1/2 Hrs. | 2 Hrs. |
| 6 | IC-2 | 12 | 8 |

* National Electrical Code Specification

■ DIMENSIONS

Dimensions are approximate and subject to change.



■ ORDERING FORMAT

IC-2

Series



■ LCA-2SQ Series

6 Volt Thermoplastic Battery Unit

Damp Location Listing is standard on all models

Sealed Maintenance-Free Lead Calcium Battery

UL Listed

The **LCA-2SQ Series**, an extremely versatile unit, that can be wall or ceiling mounted. With the option of 11 watts remote capacity and standard damp location listing, this emergency lighting unit with adjustable heads is your solution for emergency lighting.

▣ FEATURES

Reliability

The **LCA-2SQ Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

Constructed of an injection-molded, UV stabilized, UL 94, 5VA flame rated thermoplastic housing and back plate. The sealed maintenance-free Lead-Calcium battery is designed to power 11 watts remote load or extended unit run time, if necessary (refer to options "R" to order). LCA-2SQ can be wall or ceiling mounted. Unit has universal knock-out pattern on the back plate that allows for junction box mounting. An innovative snap-together design allows for fast and easy installation.

Lamp

Furnished standard with two, 6 volt, 6 watts DC T5 wedge base lamps for emergency mode.

Charger

- 120/277Vac, 60Hz, 0.08/0.04 Amp
- LED indicator light and push button test switch
- Remote capacity – may power additional remote heads (up to 6V 11W)
- Low voltage battery disconnect
- All models are damp location listed

▣ OPTIONS

(Add Suffix to Model No.)

Suffix

Remote Capacity (11 watts)-R*

**Do not exceed rated unit capacity*

▣ ACCESSORIES

(Order as a separate item)

Replacement Battery860.0018-L

Replacement Lamp (standard)570.0012-L

Wire GuardWG10-L

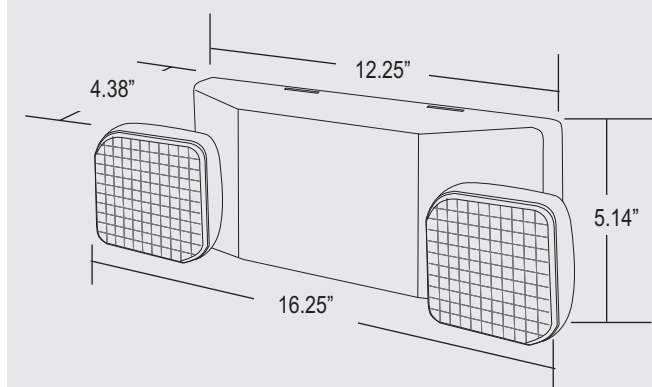
Vandal Shield.....CPS

Vandal Shield (NEMA-4X).....CPS-4X



▣ DIMENSIONS

Dimensions are approximate and subject to change.



▣ ORDERING FORMAT

| LCA | -2SQ | R |
|--------|--------------------------|--|
| Series | Light Heads | Capacity Indicator |
| | -2SQ= 6V 6W Incandescent | Blank= No Remote Capacity R= 11W Remote Capacity* |

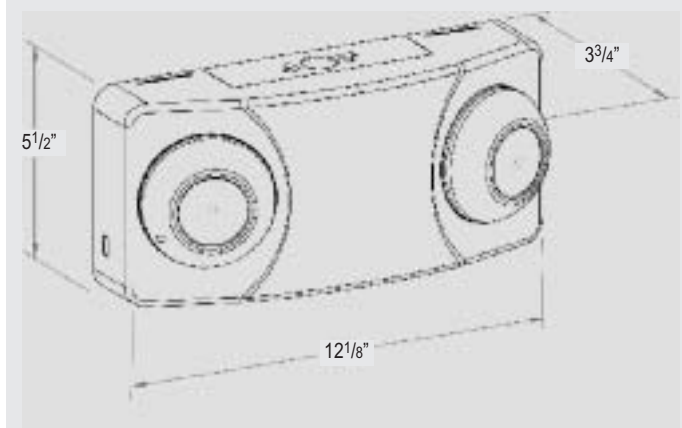
**Do not exceed rated unit capacity.*

■ LCA-2MRS Series



▣ DIMENSIONS

Dimensions are approximate and subject to change.



▣ ORDERING FORMAT

| LCA | -2MRS | B |
|--------|---------------------------|----------|
| Series | Light Heads | Colors |
| | -2MRS= 6V 5W MR16 Halogen | B= Black |

6 Volt Thermoplastic Battery Unit

Damp Location Listing is standard on all models

Sealed Maintenance-Free Lead Calcium Battery

UL Listed

NEW IMPROVED LOOK!

The **LCA-2MRS** Series, is the perfect battery unit for use where style and design are required in an economical package.

▣ FEATURES

Reliability

The **LCA-2MRS Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

The unit is completely self-contained and the housing is constructed of high impact, UL recognized, 94, 5VA thermoplastic. The compact design will allow for space restrictions often encountered. The snap together housing facilitates mounting in any orientation.

Lamps

Furnished with two 6 volt, MR16 glare free halogen lamp heads

Charger

- Automatic, temperature compensated, charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.

▣ OPTIONS

(Add Suffix to Model No.)

Suffix

Black-B

▣ ACCESSORIES

(Order as a separate item)

Replacement Battery860.0018-L

Replacement Lamp (standard)570.0012-L

Wire GuardWG10-L

Vandal ShieldCPS

Vandal Shield (NEMA-4X).....CPS-4X



■ Cavalier II (CA-2) Series

6 Volt Decorative Style Equipment
Maintenance-Free Sealed Lead-Calcium or
Nickel-Cadmium Battery (optional)
UL Listed

The **Cavalier II (CA-2) Series**, is an aesthetically attractive, economical unit in a compact, contemporary design. It is ideal for commercial and institutional facilities.

■ FEATURES

Reliability

The **Cavalier II (CA-2) Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

The housing is Injection molded from high impact, scratch and corrosion resistant thermoplastic and is available in an architecturally attractive mist white color. Optional Black housing is also available. The Cavalier II Series easily mounts to wall or ceiling with independent, universal mounting plate. AC and battery quick connect plugs simplify wiring for quick and easy installation. This unit is also suitable for damp locations.

Lamp

Furnished standard with two fully adjustable PAR 36 size lamp heads with high intensity incandescent lamps or optional halogen lamps.

CA-2 is available with optional 6 watts halogen lamp.

CA-3 is available with optional 6, 8 or 10 watts halogen lamp.

PulseType Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

Combination test switch/charge monitor LED indicates battery is on charge and allows for periodic testing of the unit.

Power Requirements

Maximum 10 watts at 120/277Vac.

■ OPTIONS

| (Add Suffix to Model No.) | Suffix |
|--|-----------|
| Black | -B |
| Self Diagnostics | -SD |
| Voltmeter (not available with diagnostics) | -V |
| 3-Wire Cord & Plug (120V) | -3CP* |
| 3-Wire Cord & Plug (277V) | -3CP-277* |
| 6W halogen lamp | /LH4 |
| 8W halogen lamp | /LH5 |
| 10W halogen lamp | /LH7 |
| Nickel-Cadmium battery | -N |
| Damp location listed | -DL |

*Standard cord is 3 ft. custom lengths available.

■ ACCESSORIES

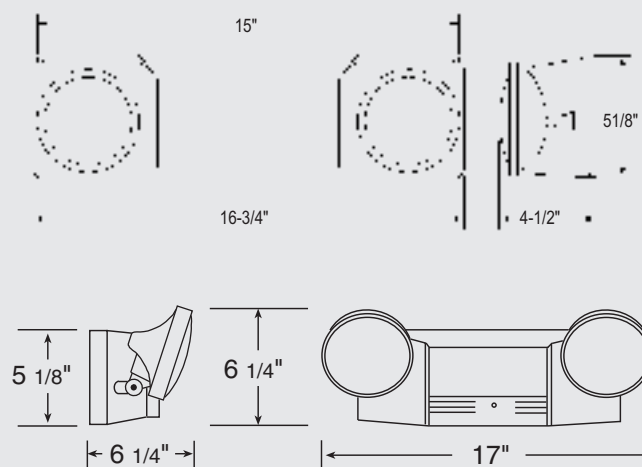
(Order as a separate item)

| | |
|---------------------------------|--------|
| Wire Guard (CA-2, CA-3) | WG16-L |
| Polycarbonate Shield | CPS |
| Poly. Weatherproof Shield | CPS-4X |



■ DIMENSIONS

Dimensions are approximate and subject to change.



CAVALIER WITH HALOGEN LAMPS (CA-3)

■ UNIT RATING CHART

| Volts | Model No. | *Watts to 87-1/2% of Rated Battery Voltage | |
|-------|-----------|--|--------|
| | | 1 1/2 Hrs. | 2 Hrs. |
| 6 | CA-2 | 12 | 8 |
| | CA-3 | 20 | 15 |

* National Electrical Code Specification

■ ORDERING FORMAT

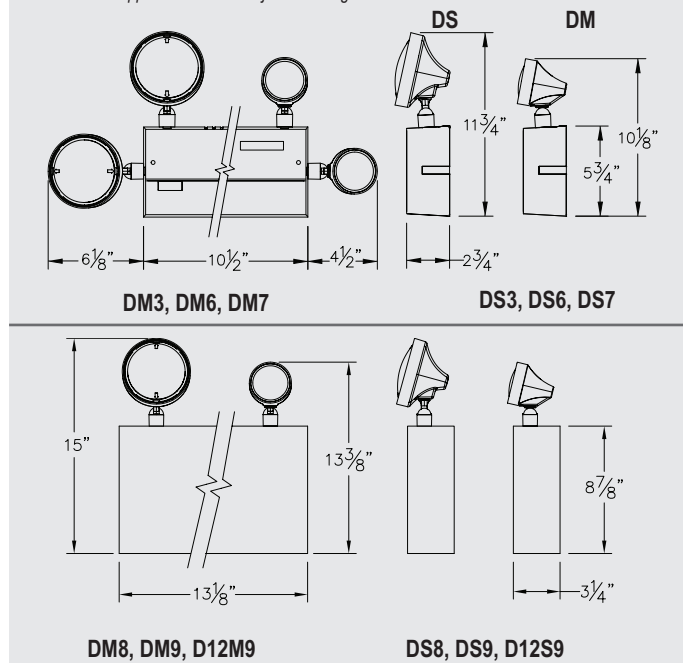
| CA | -2 | -DL |
|--------|--------------------|--------------------|
| Series | Capacity Indicator | Option |
| | | -DL= Damp Location |

■ DM, DS Series



▣ DIMENSIONS

Dimensions are approximate and subject to change.



▣ UNIT RATING CHART

| Volts | Model No. (unit/Lamp Suffix) | *Watts to 87-1/2% of Rated Battery Voltage | |
|-------|---------------------------------|---|--------|
| | | 1 1/2 Hrs. | 2 Hrs. |
| 6 | 2DS3/L5-M | 12 | 8 |
| | 2DS6/L9-M | 18 | 12 |
| | 2DS7/L9-M | 27 | 21 |
| | **2DS8/L9-M | 36 | 24 |
| | **2DS9/L9-M | 54 | 41 |
| 12 | **2D12S9/L9-M | 54 | 41 |

*National Electrical Code Specification

** Utilize Large "A" Cabinet

Use "M" instead of "S" for Mini Heads (ELF2 PAR18 size heads)

▣ ORDERING FORMAT

| Model Number | Lamp Option (6V 6W) Incandescent | Colors | Option Time Delay |
|--------------|-------------------------------------|--------|-------------------|
| 2DS3 | /L5 | -M | -TD |

For standard units without options only order Model #

Options are added to units by listing suffix at end of model #

6 or 12 Volt Thermoplastic Emergency Unit

Sealed Maintenance-Free Lead Calcium Battery

UL Listed

The **DM, DS Series**, is an excellent combination of economy and quality – the best offered in the industry. This unit is compact, lightweight and corrosion resistant.

▣ FEATURES

Reliability

The **DM, DS Series** has a three-year full warranty (excluding lamps and fuses). **Unit Data**

Construction consists of a compact, lightweight, corrosion resistant thermoplastic cabinet with a "mist white" finish. Meets UL 94, 5VA flame classification. Both cabinets (small and large) are designed with rear keyhole mounting slots on the back plates and mount directly to any standard 4" octagonal electric box. The 6 Volt, small cabinet (DS3, DS6, DS7) is programmable for either top or side mounting of lamp heads. A 7/8" conduit entry is provided on the left side of the cabinet. The large cabinet (DS8, DS9 and D12S9) has a removable front panel and provisions for mounting to up to 3 heads.

Lamp

Thermoplastic heads can be top or side mounted (on DM or DS3, 6 and 7 only) and easily moved to either location by contractor without re-wiring.

DM MODELS: PAR 18 size heads (ELF 2 head type).

2DM3 has 6W high intensity incandescent lamps. 2DM6, 7, 8, 9, 12 have 9W high intensity incandescent lamps.

DS MODELS: PAR 36 size heads (EFL645 head type). 2DS3 has 6W high intensity incandescent lamps. 2DS6, 7, 8, 9, 12 have 9W high intensity incandescent lamps.

Note: Tungsten halogen lamps optional.

Pulse Type Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277 Vac, 60Hz, 0.3/0.15 Amp

▣ OPTIONS

(Add Suffix to Model No.)

| | Suffix |
|--|-----------|
| Black Housing and Heads (small cabinet only) | -B |
| Ammeter or Voltmeter (choose only one) | -A or -V |
| Time Delay (specify 5, 10 or 15 minutes) | -TD |
| 3-Wire Cord and Plug | -3CP* |
| 3-Wire Cord and Plug (277V) | -3CP-277* |

*Standard cord is 3 ft. custom lengths available.

▣ ACCESSORIES

(Order as a separate item)

| | |
|---|---------|
| Wire Guard (Top mounted heads) | WG1-L |
| Wire Guard (Top mounted PAR 18 heads) | WG10-L |
| Wire Guard (Top mounted PAR 36 heads) | WG4-L |
| Vandal Resistant Cover | CPS* |
| Vandal Resistant NEMA-4X Cover | CPS-4X* |

■ MC Series

6 or 12 Volts Emergency Unit

Sealed Maintenance-Free Lead Calcium or Nickel-Cadmium Battery UL Listed

The Lightalarms **MC Series** emergency battery unit incorporates performance and labor-saving features, normally found only in higher capacity units, in a economical compact housing design.

The **MC Series** is ideally suited for commercial applications where space, performance and ease of installation are required.

■ FEATURES

Reliability

The **MC Series** has a three year full warranty (excluding lamps and fuses).

Unit Data

Compact steel cabinet with corrosion-resistant undercoating standard color is "mist white", black available as an option. The MC Series has rear keyhole mounting slots and is designed to mount directly to any standard 4" junction box.

Lamp

Standard unit furnished with two, Par 18 size heads constructed of impact resistant, flame retardant thermoplastic heads complete with 6-watt, MR16 halogen lamps. Also available up to 20W(MH20) high output illumination.

Solid State Charger

- Automatic, temperature compensated type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.
- Optional Improved Diagnostics comes with a micro controller based pulse type charges.

Power Requirements

120/277Vac 60Hz, 0.3/0.15 Amp.

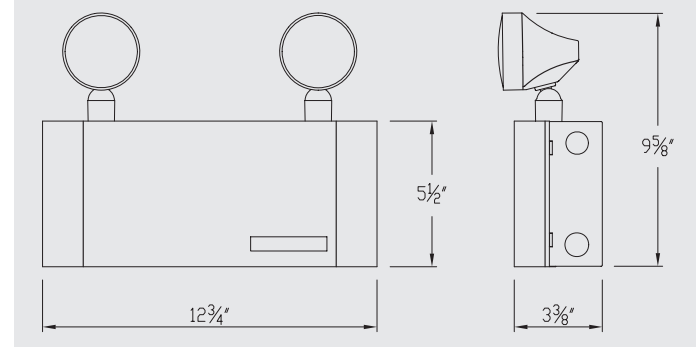
■ POWER CONSUMPTION

| Model # | AC Input | Maximum | |
|---------|----------|---------------|-------------|
| | | Input Current | Input Power |
| MC | 120 Vac | 0.20 A | 24 W |
| | 277 Vac | 0.08 A | 24 W |
| MC12 | 120 Vac | 0.24 A | 30 W |
| | 277 Vac | 0.12 A | 30 W |



■ DIMENSIONS

Dimensions are approximate and subject to change.



■ UNIT RATING CHART

| Battery Type | Volts | Model # | Watts to 87.5% of rated battery voltage* | | | |
|----------------|-------|---------|--|--------|--------|--------|
| | | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. |
| Lead-Calcium | 6 | MCG | 18 | 12 | 10 | - |
| | | MCG1 | 20 | 15 | 12 | - |
| | | MCG2 | 27 | 18 | 15 | 9 |
| | | MCG3 | 30 | 20 | 18 | 10 |
| | | MCG4 | 36 | 27 | 20 | 12 |
| | | MCG5 | 40 | 30 | 24 | 15 |
| | 12 | MC12G1 | 36 | 27 | 20 | 12 |
| | | MC12G2 | 40 | 30 | 24 | 15 |
| Nickel-Cadmium | 6 | MCN1 | 20 | 18 | 12 | - |
| | 12 | MC12N1 | 36 | 24 | 15 | 12 |
| | | MC12N2 | 50 | 36 | 24 | 18 |

* National Electrical Code Specification

■ ORDERING FORMAT

| 2 | MCG4 | /ELF3 | -M6 | -M | -ID |
|-----------------|---------------------------------|--------------------------|---------------------------|---|--|
| Number of Heads | Series/D.C. Voltage/Capacity | Head style | Lamp type | Color | Options |
| 0= no heads | MCG= 6V - 18W, lead calcium | /ELF3= mini plastic MR16 | -M5= MR16 6V 5W | -M= mist white enamel finish -B= black enamel finish | -ID= improved diagnostics -IDNA= improved diagnostics non-audible |
| 2= Two Heads | MCG1= 6V - 20W, lead calcium | | -M6= MR16 6V 6W | | |
| | MCG2= 6V - 27W, lead calcium | | -M10= MR16 6V 10W | | |
| | MCG3= 6V - 30W lead calcium | | -M12= MR16 12V 12W | | |
| | MCG4= 6V - 36W lead calcium | | -M20= MR16 12V 20W | | |
| | MCG5= 6V - 40W lead calcium* | | -MH20=12V 20W High Output | | |
| | MC12G1= 12V - 36W, lead calcium | | | | |
| | MC12G2= 12V - 40W, lead calcium | | | | |
| | MCN1= 6V - 20W, Ni-cad | | | | |
| | MC12N1= 12V - 36W, Ni-cad | | | | |
| | MC12N2= 12V - 50W, Ni-cad | | | | |

* Not available with ID/IDNA Option

■ MA Series



6 and 12 Volts Steel Emergency Unit

Sealed Maintenance-Free Lead Calcium or Nickel-Cadmium Battery

UL Listed

The decorative Lightalarms **MA Series** combine a contemporary design with state-of-the-art path of egress illumination. Designed to meet the needs of the interior design professionals while providing an impressive performance in a compact housing.

▣ FEATURES

Reliability

The **MA Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

The Lightalarms **MA Series** shall include a metal cabinet made of steel with anti-corrosion undercoating and a lower compartment containing two emergency heads with adjustable swivels and long-life MR-16 halogen lamps.

Lamp

The emergency heads shall be installed at the bottom of the unit, providing an illumination in any downwards direction and shall require no tool for adjusting or aiming. The emergency heads shall be protected by a shock-absorbent, transparent polycarbonate cover. The cover shall be fixed on the equipment cabinet with two vertical screws. The standard lamp shall be a 6V or 12V MR16 halogen lamp. Also available up to 20W(MH20) high output illumination.

Solid State Charger

- Automatic, temperature compensated type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.
- Optional Improved Diagnostics comes with a micro controller based pulse type charges.

Power Requirements

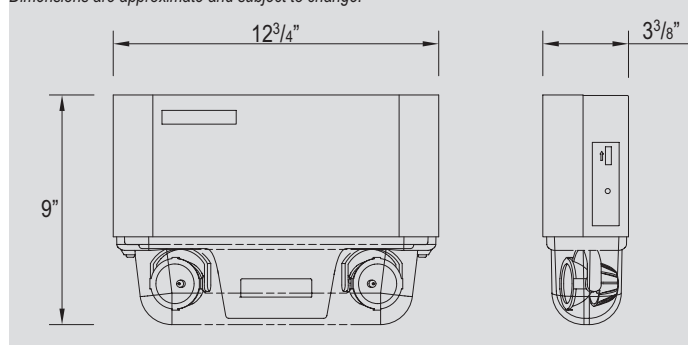
120/277Vac 60Hz 0.3/0.45 Amp

▣ POWER CONSUMPTION

| | AC Input | Maximum | |
|------|----------|---------------|-------------|
| | | Input Current | Input Power |
| MA | 120 Vac | 0.20 A | 24 W |
| | 277 Vac | 0.08 A | 24 W |
| MA12 | 120 Vac | 0.24 A | 30 W |
| | 277 Vac | 0.12 A | 30 W |

▣ DIMENSIONS

Dimensions are approximate and subject to change.



▣ UNIT RATING CHART

| Battery Type | Volts | Model # | Watts to 87.5% of rated battery voltage* | | | |
|----------------|-------|---------|--|--------|--------|--------|
| | | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. |
| Lead-Calcium | 6 | MAG | 18 | 12 | 10 | - |
| | | MAG1 | 20 | 15 | 12 | - |
| | | MAG2 | 27 | 18 | 15 | 9 |
| | | MAG3 | 30 | 20 | 18 | 10 |
| | | MAG4 | 36 | 27 | 20 | 12 |
| | | MAG5 | 40 | 30 | 24 | 15 |
| | 12 | MA12G1 | 36 | 27 | 20 | 12 |
| | | MA12G2 | 40 | 30 | 24 | 15 |
| Nickel-Cadmium | 6 | MAN1 | 20 | 18 | 12 | - |
| | 12 | MA12N1 | 36 | 24 | 15 | 12 |
| | | MA12N2 | 50 | 36 | 24 | 18 |

* National Electrical Code Specification

▣ ORDERING FORMAT

| 2 | MCG4 | -M6 | -M | -ID |
|-----------------|---|--|---|--|
| Number of Heads | Series/D.C. Voltage/Capacity | Lamp type | Color | Options |
| 2= Two Heads | MAG1 = 6V-20W, lead calcium MAG3 = 6V-30W, lead calcium MAG5 = 6V-40W lead calcium* MA12G2 = 12V-40W, lead calcium MAN1 = 6V-20W, nickel cadmium MA12N1 = 12V-36W, nickel cadmium MA12N2 = 12V-50W, nickel cadmium | -M5 = MR16 6V 5W -M6 = MR16 6V 6W -M10 = MR16 6V 10W -M12 = MR16 12V 12W -M20 = MR16 12V 20W -MH20 =12V 20W High Output | -M = mist white enamel finish -B = black enamel finish | -ID = improved diagnostics -IDNA = improved diagnostics non-audible |

* Not available with ID or IDNA Options



■ MG, MN Series

6 or 12 Volt Steel Emergency Unit

Sealed Maintenance-Free Lead Calcium or Nickel-Cadmium Battery
UL Listed

The MG, MN Series battery unit incorporates a complete range of high performance and labor saving features normally found only in higher voltage units. The compact housing design meets most requirements for moderate loads. The MG, MN Series is a reliable, economic unit for all public areas.

■ FEATURES

Reliability

The MG, MN Series has a three-year full warranty (excluding lamps and fuses).

Unit Data

Compact steel cabinet with corrosion-resistant undercoating – standard color is “mist white”, black available as an option. The hinged front panel provides access to the battery and charger for ease of installation and maintenance. The MG, MN Series has rear keyhole mounting slots and is designed to mount directly to any standard 4” junction box.

Lamp

Standard with two ELF645 PAR36 high impact mar-resistant thermoplastic heads. Furnished with two 6 or 12 volt 9 watt high intensity wedge base incandescent lamps*. Other lighting head styles are also available see options. Do not exceed unit battery capacity.

* Note: For optional lamp types and wattages refer to the lamp data chart on page 108-109

Pulse Type Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.3/0.15 Amp

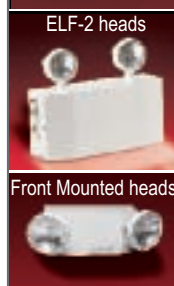
■ OPTIONS

| (Add Suffix to Model No.) | Suffix |
|--|-------------|
| Black Housing and Heads (Replace -M with -B) | -B |
| Ammeter and/or Voltmeter | -A* or -V* |
| Lamp Disconnect Switch..... | -DS** |
| Improved Diagnostics (audible) | -ID |
| Improved Diagnostics (non-audible) | -IDNA |
| Time Delay (specify 5, 10 or 15 minutes) | TD_** |
| Vandal Resistant Screws | -VR |
| Front Mounted Heads (for Low ceilings) | -FM |
| 3-Wire Cord & Plug | -3CP*** |
| 3-Wire Cord & Plug (277V) | -3CP-277*** |
| PAR18 Size Lamp Heads | /ELF2 |
| DR1130 Decorative Heads (White) | D1130 |

* Not available with diagnostic option.

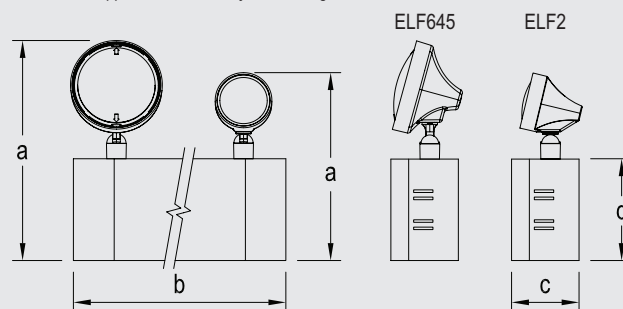
** (ID or IDNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix ID-TD_ or IDNA-TD_

Shown with
ELF645 heads



■ DIMENSIONS

Dimensions are approximate and subject to change.



| Cabinet | Dimensions | | | |
|---------|--------------------|---------|--------|--------|
| | a | b | c | d |
| S | 11-3/8" // 9-3/4" | 11" | 3-1/2" | 5-1/4" |
| L | 12-3/8" // 10-3/4" | 12-1/2" | 4" | 6-1/4" |

***Standard cord is 3 ft. custom lengths available.

■ UNIT RATING CHART

| | Volts | Model No. (unit / Lamp Suffix) | *Watts to 87 1/2% of Rated Battery Voltage | | | | Cabinet Size |
|----------------|-------|--------------------------------------|---|--------|--------|--------|-----------------|
| | | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. | |
| Lead-Calcium | 6 | 2MG1/L9-M | 27 | 18 | 14 | - | S |
| | 6 | 2MG2/L9-M** | 54 | 37 | 28 | 21 | L |
| | 12 | 2M12G1/L9-M | 36 | 25 | 20 | 14 | S |
| | 12 | 2M12G2/L9-M** | 54 | 37 | 28 | 21 | L |
| Nickel-Cadmium | 6 | 2MN1/L9-M | 25 | 18 | 12 | - | S |
| | 12 | 2M12N1/L9-M | 36 | 21 | 15 | 12 | S |
| | 12 | 2M12N2/L9-M | 50 | 36 | 25 | 18 | S |

*National Electrical Code Specification

**Do not exceed unit rating in voltage or capacity.

■ ORDERING FORMAT

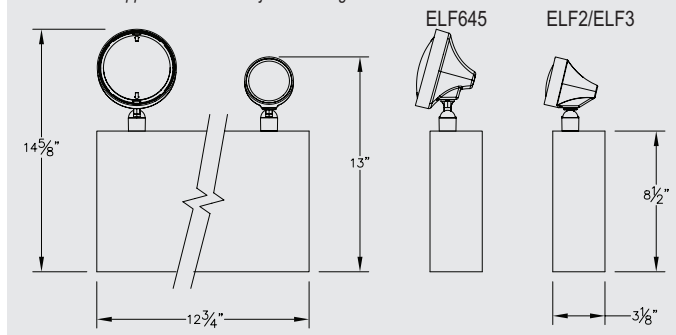
| 2 | MG | 1 | /L9 | -M | -ID |
|-----------------|--------|-----------------------|-----------------------------------|----------------------|--------|
| No. of Heads | Series | Capacity Indicator | Lamp Suffix 6V 9W Incandescent | Finish Mist White | Option |

■ PG, P12G Series



▣ DIMENSIONS

Dimensions are approximate and subject to change.



▣ ACCESSORIES

(Order as a separate item)

Wire GuardWG2-L
Mounting PlatformMP-PQA

▣ UNIT SELECTION CHART

Each unit furnished with two 9W High Intensity incandescent lamp.

| Volts | Model No. (unit / Lamp Suffix) | *Watts to 87 1/2% of Rated Battery Voltage | | | |
|-------|--------------------------------------|---|--------|--------|--------|
| | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. |
| 6 | 2PG1/L9-M | 18 | 15 | - | - |
| | 2PG2/L9-M | 54 | 36 | 27 | 18 |
| 12 | 2P12G1/L9-M | 54 | 36 | 27 | 18 |

*National Electrical Code Specification

▣ ORDERING FORMAT

| 2 | PG | 1 | /L9 | -M | -DS |
|-----------------|--------|-----------------------|-------------|------------|----------------------|
| No. of Heads | Series | Capacity Indicator | Lamp Suffix | Finish | Option |
| | | 6V 9W Incandescent | | Mist White | Disconnect Switch |

6 or 12 Volt Steel Emergency Unit Sealed Maintenance-Free Lead Calcium Battery UL Listed

The **PG, P12G** Series battery units combine reliability, versatility, performance and cost-efficiency in an aesthetically pleasing design. Ideally suited for a range of commercial applications.

▣ FEATURES

Reliability

The **PG Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

Constructed of rugged steel with a corrosion-resistant undercoating, the PG Series cabinet has a removable front panel providing easy access allowing the unit to be mounted at ceiling height. Standard unit color is "mist-white", but black housing and heads are also optional. All cabinets come standard with 7/8" conduit knockouts, rear keyhole mounting slots and provisions for mounting up to 3 heads on the cabinet.

Lamp

Standard with two ELF645 PAR36 high impact mar-resistant thermoplastic heads. Furnished with two 6 or 12 volt 9 watt high intensity wedge base incandescent lamps*. Other lighting head styles are also available see options. Do not exceed unit battery capacity.

* Note: For optional lamp types and wattages refer to the lamp data chart on page 108-109.

Pulse Type Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.25/0.12 Amp, 30 Watts (Max)

▣ Head & Lamp Type Options

| | |
|---|----------|
| No heads | 0 |
| Three heads | 3 |
| Double contact bayonet base, Bi-Pin Halogen, Wedge base, Sealed Beam Lamps | /ELF 645 |
| Bi-Pin Halogen lamps..... | /ELF 2 |
| MR16 lamps up to 20 watts | /ELF 3 |
| MR16 lamps | /DR1130 |

▣ OPTIONS

(Add Suffix to Model No.)

| | Suffix |
|--|------------|
| Black Housing and Heads..... | -B |
| Ammeter or Voltmeter (choose only one) | -A* or -V* |
| Improved Diagnostics (audible) | -ID |
| Improved Diagnostics (non-audible) | -IDNA |
| Time Delay (specify 5, 10 or 15 minutes) | TD ** |
| Nickel-Cadmium Battery | -N |

*Not available with diagnostic option

** (ID or IDNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix ID-TD_ or IDNA-TD_

■ PN, P12N Series

6 or 12 Volt Steel Emergency Unit

Sealed Maintenance-Free Nickel-Cadmium Battery

UL Listed

The PN, P12N Series battery unit is a traditionally styled, high performance unit, designed for environments where lighting units may be exposed to fluctuations in temperature.

■ FEATURES

Reliability

The PN Series has a three-year full warranty (excluding lamps and fuses).

Unit Data

Constructed of rugged steel with a corrosion-resistant undercoating, the PN Series cabinet has a removable front panel providing easy access allowing the unit to be mounted at ceiling height. Standard unit color is "mist-white", but black housing and heads are also optional. All cabinets come standard with 7/8" conduit knockouts, rear keyhole mounting slots and provisions for mounting up to 3 heads on the cabinet. P12N complies with requirements of Federal Specifications W-L-305D Type 1, Class I, Style D.

Lamp

Standard with two ELF645 PAR36 high impact mar-resistant thermoplastic heads. Furnished with two 6 or 12 volt 9 watt high intensity wedge base incandescent lamps*. Other lighting head styles are also available see options. Do not exceed unit battery capacity.

* Note: For optional lamp types and wattages refer to the lamp data chart on page 108-109.

Pulse Type Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.30/0.15 Amp

■ Head & Lamp Type Options

| | |
|---|----------|
| No heads | 0 |
| Three heads | 3 |
| Double contact bayonet base, Bi-Pin Halogen, Wedge base, Sealed Beam Lamps | /ELF 645 |
| Bi-Pin Halogen lamps | /ELF 2 |
| MR16 lamps up to 20 watts | /ELF 3 |
| MR16 lamps | /DR1130 |

■ OPTIONS

(Add Suffix to Model No.)

Suffix

| | |
|--|------------|
| Black Housing and Heads | -B |
| Ammeter or Voltmeter (choose only one) | -A* or -V* |
| Improved Diagnostics (audible) | -ID |
| Improved Diagnostics (non-audible) | -IDNA |
| Time Delay (specify 5, 10 or 15 minutes) | TD_** |
| Nickel-Cadmium Battery | -N |

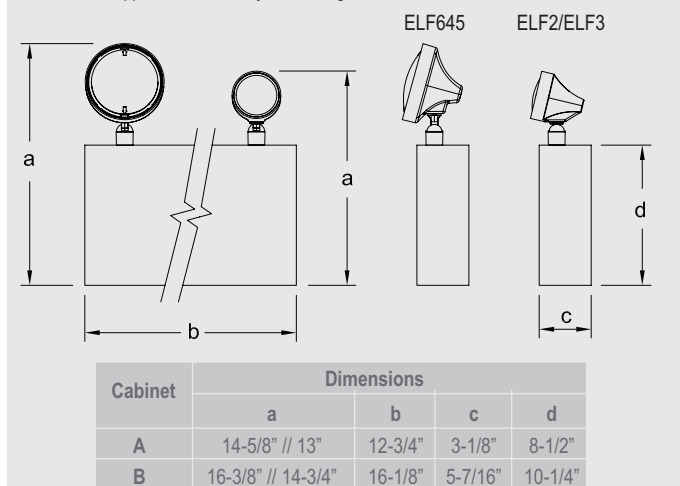
*Not available with diagnostic option

** (ID or IDNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix ID-TD_ or IDNA-TD_



■ DIMENSIONS

Dimensions are approximate and subject to change.



■ ACCESSORIES

(Order as a separate item)

| | |
|------------------------------|--------|
| Wire Guard (A cabinet) | WG2-L |
| Wire Guard (B cabinet) | WG3-L |
| Mounting Platform | MP-PQA |

■ UNIT SELECTION CHART

Each unit furnished with two 9W High Intensity incandescent lamp.

| Volts | Model No. (unit / Lamp Suffix) | *Watts to 87 1/2% of Rated Battery Voltage | | | | Cabinet Size |
|-------|--------------------------------------|---|--------|--------|--------|-----------------|
| | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. | |
| 6 | 2PN1/L9-M | 25 | 20 | 14 | 10 | A |
| 12 | 2P12N1/L9-M | 50 | 36 | 25 | 18 | A |
| | 2P12N2/L9-M | 72 | 60 | 50 | 38 | B |

*National Electrical Code Specification

■ ORDERING FORMAT

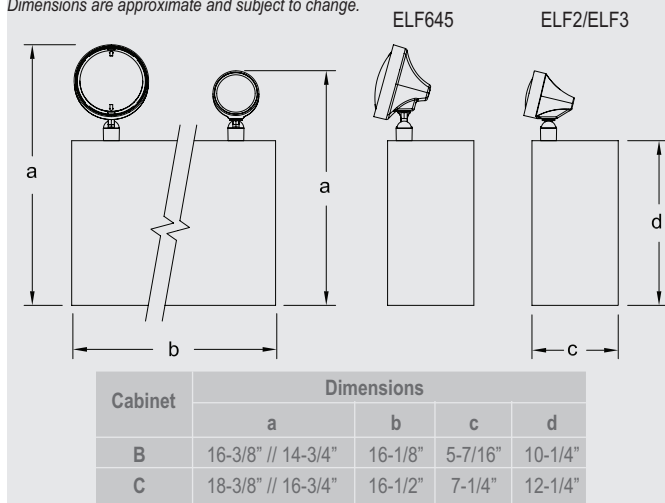
| 2 | P12N | 2 | /L9 | -M | -V |
|-----------------|--------|-----------------------|-----------------------|------------|-----------|
| No. of Heads | Series | Capacity Indicator | Lamp Suffix | Finish | Option |
| | | | 6V 9W Incandescent | Mist White | Voltmeter |

■ PQ, P12Q Series



■ DIMENSIONS

Dimensions are approximate and subject to change.



■ ACCESSORIES

(Order as a separate item)

| | |
|-------------------------------------|--------|
| Wire Guard | WG3-L |
| Mounting Platform (C cabinet) | MP-PQB |
| Mounting Platform (B cabinet) | MP-PQA |

■ UNIT SELECTION CHART

Each unit furnished with two 9W High Intensity incandescent lamp.

| Volts | Model No. (unit / Lamp Suffix) | *Watts to 87 1/2% of Rated Battery Voltage | | | | Cabinet Size |
|-------|--------------------------------------|---|--------|--------|--------|-----------------|
| | | 1 1/2 hrs. | 2 hrs. | 3 hrs. | 4 hrs. | |
| 6 | 2PQ1/L25-M | 50 | 36 | 24 | 18 | B |
| | 2PQ2/L25-M | 100 | 75 | 50 | 36 | B |
| | 2PQ3/L25-M | 200 | 175 | 100 | 72 | C |
| 12 | 2P12Q1/L25-M | 100 | 75 | 50 | 36 | B |
| | 2P12Q2/L25-M | 200 | 150 | 100 | 72 | C |

*National Electrical Code Specification

■ ORDERING FORMAT

| 2 | PQ | 2 | /L25 | -M | -V |
|-----------------|--------|-----------------------|------------------------|------------|-----------|
| No. of Heads | Series | Capacity Indicator | Lamp Suffix | Finish | Option |
| | | | 6V 25W Incandescent | Mist White | Voltmeter |

6 or 12 Volt Steel Emergency Unit Sealed Maintenance-Free Lead Calcium Battery UL Listed

The **PQ, P12Q Series** battery unit is an effective, functional unit designed with high capacity maintenance-free batteries for commercial, institutional or industrial environments requiring remote capability or extended emergency lighting time.

■ FEATURES

Reliability

The **PQ Series** has a three-year full warranty (excluding lamps and fuses).

Unit Data

Constructed of rugged steel with a corrosion-resistant undercoating, the PQ Series cabinet has a removable front panel providing easy access allowing the unit to be mounted at various heights. Standard unit color is "mist-white", but black housing and heads are also optional. All cabinets come standard with 7/8" conduit knockouts, rear keyhole mounting slots and provisions for mounting up to 3 heads on the cabinet. Model 2PQ2 complies with requirements of Federal Specifications W-L-305D Type 1, Class I, Style E.

Lamp

Standard with two ELF645 PAR36 high impact mar-resistant thermoplastic heads. Furnished with two 6 or 12 volt 25 watt high intensity sealed beam incandescent lamps*. Other lighting head styles are also available see options. Do not exceed unit battery capacity.

* Note: For optional lamp types and wattages refer to the lamp data chart on page 108-109.

Pulse Type Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac 60Hz, 0.30/0.15 Amp

■ Head & Lamp Type Options

| | |
|---|----------|
| No heads | 0 |
| Three heads | 3 |
| Double contact bayonet base, Bi-Pin Halogen, Wedge base, Sealed Beam Lamps | /ELF 645 |
| Bi-Pin Halogen lamps..... | /ELF 2 |
| MR16 lamps up to 20 watts | /ELF 3 |
| MR16 lamps | /DR1130 |

■ OPTIONS

| (Add Suffix to Model No.) | Suffix |
|---|-------------|
| Black Housing and Heads (Replace "-M" with -B)..... | -B |
| Improved Diagnostics (audible) | -ID |
| Improved Diagnostics (non-audible) | -IDNA |
| Ammeter or Voltmeter (choose only one) | -A* or -V* |
| Lamp Disconnect Switch | -DS** |
| Time Delay (specify 5, 10 or 15 minutes) | -TD ** |
| Vandal Resistant Screws | -VR |
| 3-Wire Cord and Plug | -3CP*** |
| 3-Wire Cord and Plug (277V) | -3CP-277*** |

*Voltmeter and ammeter not available with the diagnostic option.

** (ID or IDNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix ID-TD_ or IDNA-TD_

***Standard cord is 3 ft. custom lengths available.