

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

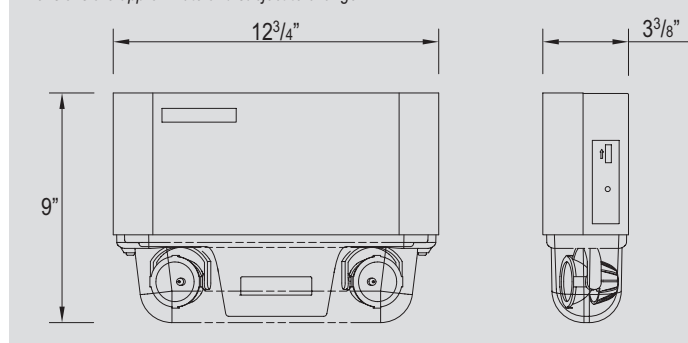
120/277Vac 60Hz 0.3/0.45 Amp

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