

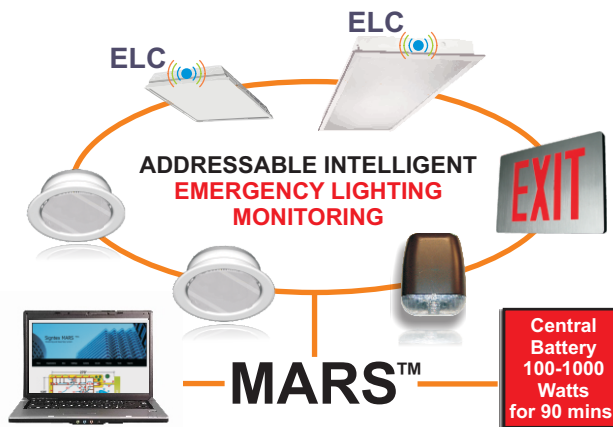
GENERAL DESCRIPTION

Computer based, self-testing/self diagnostic central battery system operating MOONLITE LED™ emergency lighting fixtures and exit signs with all components integrated throughout, allowing precise monitoring of unlimited numbers of systems in multiple locations.

Status reports are available on demand from any location via internet. A wide range of fixtures with specialized optics is available for interior and exterior applications. Automated diagnostics and reporting via email combined with easy access to batteries and long lamp life ensure the lowest possible life cycle costs.

CONSTRUCTION & OPERATION

- Automatic monitoring and self-test diagnostic functions supplied as standard, including battery condition, transfer switch, battery charger and emergency fixture load. Optional network includes addressable fixtures.
- Automatic email immediately records fault reports and transfers to any assigned address.
- Data transfer via ethernet through a cloud- based or local server.
- LCD display provides full operational data on two-line digital display including battery voltage, charge current, load condition, fault monitor and fault description, panel temperature, charge current, date stamp and other information.
- All diagnostic data is available via internet, with automatic reporting of all central battery systems in multiple buildings.
- Installations with full network controls allow two-way communication and monitoring via internet of unlimited quantities of central battery panels and fixtures throughout multiple buildings, from any location. Includes multicolor diagnostic status LED and Push to Test switch.
- Optional input from generator allows emergency operation with no startup delay, and batteries remain fully charged from the generator to supply full power if the generator fails.
- Batteries are readily available from commercial distributors and can be removed and replaced in minutes, without ladders, lifts or special tools.



EMERGENCY LIGHTING FIXTURES

- A wide range of fixture types and models is available, covering many combinations of interior and exterior lighting requirements, from floor level to ceiling heights of 40 ft or higher. See www.signtexinc.com for details.
- Guaranteed minimum LED life to 70% output in 50,000 hrs provides lowest life cycle costs over a building lifetime.
- More than two lamps are supplied in every fixture, driven via parallel circuits with independent current controllers. This design ensures compliance with NEC Code for emergency lighting, ie failure of any single LED shall not cause failure of any other LED.
- LED exit signs have high brightness and uniformity with power consumption of 2 watts.

EMERGENCY LIGHTING CONTROL (SERIES ELC)

- Converts ANY type of LED fixture to low voltage emergency operation from central batteries.
- Factory or field installable in the Fire and Electrical Enclosure of UL listed fixtures.
- Compatible with all types of dimming and lighting controls.

CERTIFICATIONS & CODES

Listed under UL Standard 924, and meets applicable requirements of CSA C22.2 No. 141, NFPA 101, and NEC 700.12 (c).

WARRANTY

3 year total customer satisfaction warranty. For details see product catalog technical data section.



FIXTURE SCHEDULE

MODEL	CATALOG NO
APPROVAL	JOB INFORMATION



Universal Central Battery with Monitoring and Reporting System (MARS™)

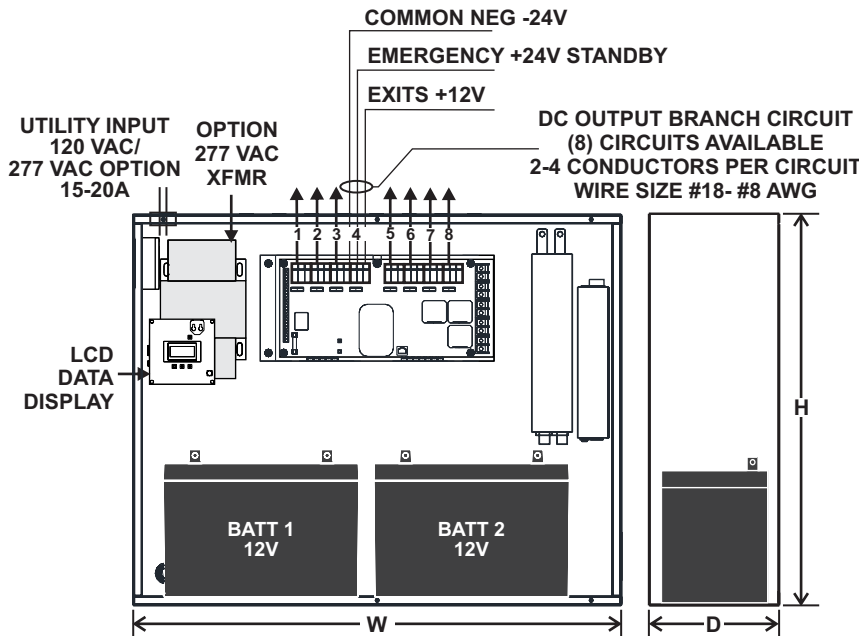
Series CBM

CBM.07.15.01

SUGGESTED SPECIFICATIONS:

Install Sigtex Series CBM central battery panels with Monitoring and Reporting System (MARS), to supply from 100W to 1,000W emergency power at 24 VDC for at least 90 minutes. Emergency lighting fixtures shall include Sigtex MOONLITE LED™ luminaires and exit signs. Optional power for Security or Standby normal-on lighting operation shall be available. Utility power input shall be 120VAC or optionally 277VAC, with optional additional power input from a generator. All systems shall include as standard, automatic self test/self diagnostic functions with production of written reports, as required by NFPA 101 Life Safety Code for computer-based emergency equipment. All CBM systems shall be supplied as standard with individual IP address, allowing comprehensive monitoring of all test functions of an unlimited numbers of panels in multiple locations, including total emergency load for each panel. Optionally, emergency lighting fixtures and exit signs shall be available with individual IP addresses, allowing monitoring of lamp operation in each fixture. Data transfer to the operator shall be via Ethernet through a cloud-based server, or other means as specified by the user.

PANEL LAYOUT & DIMENSIONS:



OPTIONS

- CGM** Generator Input Control
- 277¹** 277VAC Control Board Input
- 277S¹** 277VAC Control Board and SEC/STANDBY Power input
- SED** Dual Mode Security Lighting
- CVR** COVERLITE relay control
- LOK** Key Lock
- REC²** Recess Mount
- 4X³** NEMA 4X rated enclosure

¹Panel size may vary from table below. Contact factory for dimensions.
²Limited sizes available. Contact factory for information.
³Suitable for use in sanitary washdown environments.

EPR WATTS	SEC WATTS	PANEL SIZE H" x W" x D"	WEIGHT
			w/ BATTS Lbs.
250	150	24 x 24 x 8	70
500	320	24 x 24 x 8	110
1000	600	24 x 30 x 8	195

Enclosure sizes shown for 120 VAC input. Contact factory for 277 VAC options.
 EPR = Power to drive emergency lighting for 90 minutes
 SEC = Power available for continuous Security or Night lighting

BRANCH CIRCUIT WIRING:

- EXITS ONLY: 2 WIRE SYSTEM
- EM LIGHTING ONLY: 2 WIRE SYSTEM
- EXITS & EM LIGHTING: 3 WIRE SYSTEM
- EXITS & EM WITH NIGHT/ DUAL MODE (OPTION SED) SECURITY LIGHTING: 4 WIRE SYSTEM

REMOTE EMERGENCY LIGHTING FIXTURES, EXITS & EMERGENCY LIGHTING CONTROLS: FOR CONNECTION TO CENTRAL BATTERY SYSTEMS

The following products operate from emergency power supplied from the Central battery System at 24VDC input. Please refer to individual specification sheets for each model for further details:

Description	SERIES
Emergency Lighting Control	ELCP1, ELCP2, ELCP3, ELCP4
Moonlite LED Emergency Lighting Fixtures	MAE, MFP, MHE, MHW, MLD, MLDD, MLS, MLSW, MLW, MOE, MOP, MRD, MRS, MUE
Exits	RPR, CRR, CRS, BLD
Coverlite Concealed Emergency	CVRRE-75 watts CVRRE

ORDERING INFORMATION

EXAMPLE: CBM500-277-CGM-SED

CBM	500	- CGM - SED
MODEL	90 MINUTE OUTPUT WATTS	OPTIONS
CBM	250 500 1000	SEE ABOVE



DISTRIBUTOR: