

# Compact Central Battery Emergency Lighting

The most efficient way to comply with the Life Safety Code by minimizing battery maintenance. Capable of reducing operating expense by more than 90% compared to self-contained battery systems (unit equipment) and large inverter systems. Models are available to deliver 50-100 watts of emergency power to any combination of emergency luminaires and exit signs, for a minimum of 90 minutes.

Valuable options include an LCD test panel with diagnostic data display and programmable test protocols.

## ELECTRONICS

- Self-Test/Self-Diagnostic operation is standard in all versions.
- Isolated, all solid state power supply with universal input from 120 VAC to 277 VAC.
- Using precise current and voltage regulation.
- Power supply is surge and spike protected, with a low voltage disconnect.
- An advanced microprocessor monitors all charger functions and battery condition continuously and automatically performs all tests and visual indications required by UL Standard 924.

## CONSTRUCTION & OPERATION

- Supplies emergency power at 12VDC for 90 minutes to any combination of PATHLITE emergency remotes, MOONLITE LED emergency lighting fixtures, and exit signs.
- Up to four 12V emergency branch circuits with wire size from #18AWG to #12AWG can be installed with 1-hour rated metal jacket type "MC" cable, per NEC 700.9 (d)(1). If required, loads may be rated for Class 2 wiring. Hard conduit Class 1 wiring is not required unless specified by local codes.
- NEMA Type 1, UL 50 steel cabinet for surface or optional recess mount.
- Two CBE models are offered to supply from 50 and 100 watts emergency power. Less than 25 watts power consumption in standby mode.
- Battery is readily accessible for inspection and maintenance by facilities personnel, allowing timely replacement when indicated by the diagnostic system.

<b>PROJECT:</b>
<b>TYPE:</b>
<b>CATALOG #:</b>

## COMPACT EMERGENCY UNIT Series CBE

REV #: CBE.06.26.04



## CODES

- Manufactured and tested to UL Standard 924, NFPA Life Safety Code 101.

## WARRANTY

- 5 year total customer satisfaction warranty. For details see Signtex product catalog technical data section.



## ORDERING INFORMATION EXAMPLE: CBE100P-SD

CBE                      100                      P                      -                      SD

SERIES	POWER	HOUSING COLOR	OPTIONS
CBE	<b>100</b> 100 watts emergency power	<b>P</b> Painted <b>G</b> Galvanized	<b>SD</b> Night lighting <b>LCD</b> Display option for all available functions.
	<b>50</b> 50 watts emergency power		

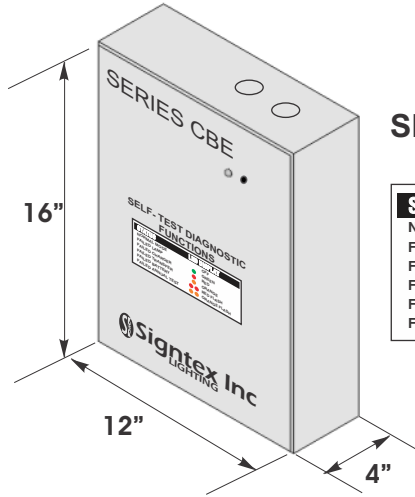
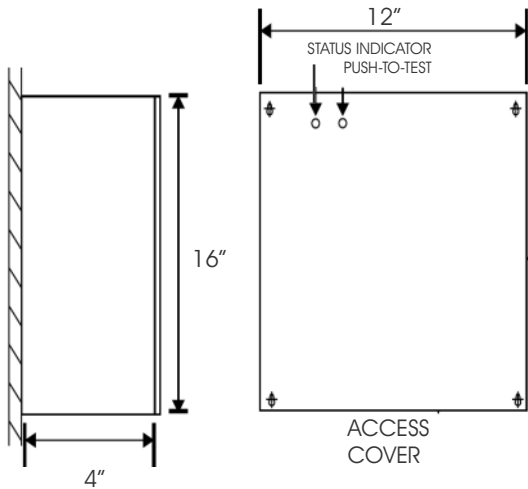
# Compact Central Battery Emergency Unit

## Series CBE

REV #: CBE.06.26.04

### MOUNTING DATA & DIMENSIONS:

#### SURFACE MOUNT



#### SELF-TEST DIAGNOSTIC FUNCTIONS

STATUS	LED DISPLAY
NORMAL MODE	OFF
FAILED LAMP	GREEN
FAILED CHARGER	RED
FAILED TRANSFER	ORANGE
FAILED BATTERY	RED FLASH
FAILED ANNUAL TEST	ORANGE FLASH

#### REMOTE EMERGENCY LIGHTING FIXTURES & EXITS

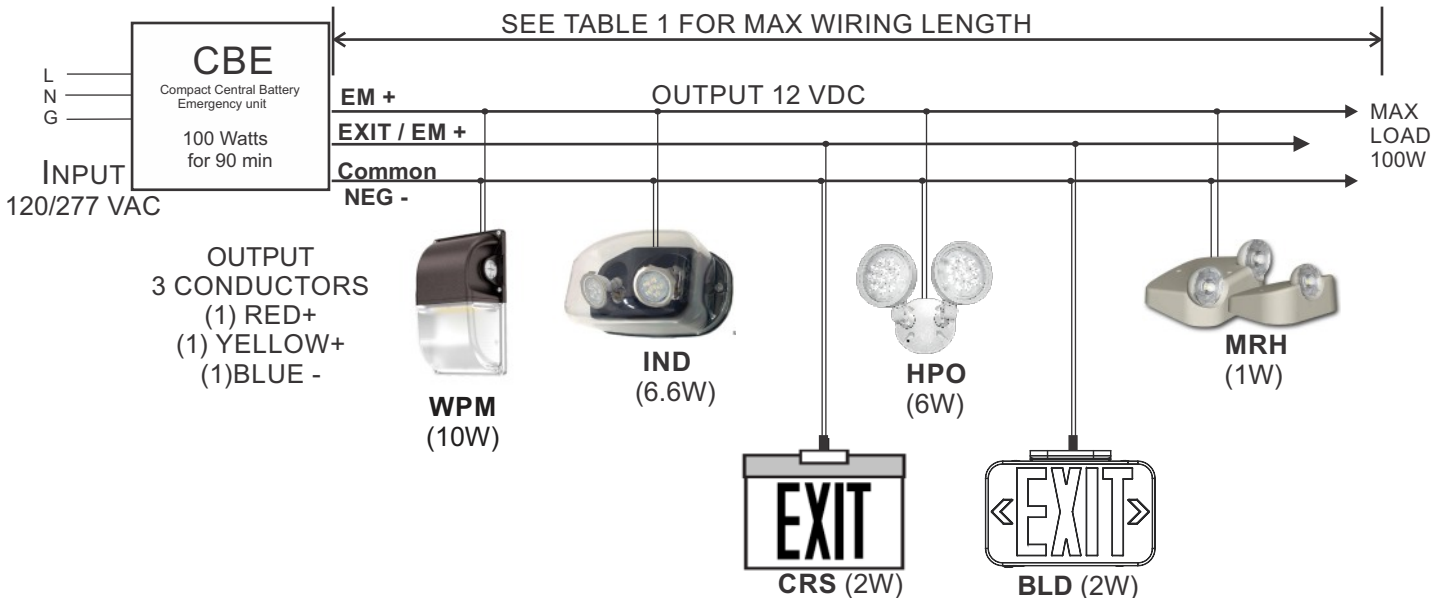
The following products operate from emergency power supplied from the CBE battery System at 12VDC input. Please refer to individual specification sheets for each model for further details:

SERIES	DESCRIPTION
PATHLITE Remote	Emergency Remote Heads.
Moonlite LED	LED Emergency Lighting Fixtures
Exits	Die Cast, Edge Lit, & Universal Thermo- plastic

**TABLE 1**  
MAXIMUM WIRING LENGTH FROM CCB TO FIXTURES

WIRING SIZE AWG	LENGTH (FT)
	CBE
#18	50
#16	90
#14	150
#12	250

### WIRINGS



#### DISTRIBUTOR

Contact Signtex for layout assistance.  
Code compliant emergency lighting layouts provided!