



The Concealite CB Series central battery units are designed to back up low voltage Emergency Lighting Fixtures that require an emergency remote power source.

Concealite's CBS150 Central Battery System is designed for remote lighting applications. State-of-the-art design and rugged construction are built-in to assure many years of dependable service.

Available for: (find your application below)

POWER + CONTROL



Example of part number:

SL

COLOR TEMP	5
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 5

# OF LEDs	4
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SIZE	012
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SIZE	048
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MOUNTING	00
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FINISH	WA
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J-BOX	2
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OPTIONS	S
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 = **SL 554-012-048-00-WA-2-S**

POWER + CONTROL

SPECIFICATIONS

- Completely self-contained
- Models operate for up to four hours
- Solid-state line-latched low voltage disconnect for 100% load disconnect protection to guard against battery deep discharge
- Fully automatic solid-state charger
- Automatic battery protection (LVD)
- Die-formed heavy 18 gauge steel cabinet
- Models for loads up to 150 watts output
- Dual 120 or 277 VAC input, field selectable
- Remote fixture capabilities
- Automatic brownout feature
- Solid-state charging circuit
- Momentary test switch
- AC ready light
- Listed to UL 924 Standards
- Long-life lead-calcium maintenance free battery
- 1-1/2 hours of light to an end battery voltage of 87-1/2% of normal voltage

	MODEL	WALL MOUNTING SHELF	WIRE GUARD	
	<table border="1" style="border-collapse: collapse;"><tr><td style="padding: 2px;">CBS150</td></tr></table>	CBS150	-	-
CBS150				
CBS150 CBS150	N None	S6 Wall Mounting Shelf	N None	
		WGI Wire Guard		

INSTALLATION

All models mount directly to the wall by means of an optional Wall Mount Shelf. Multiple knockouts are provided for 1/2" conduit. Fused connections are provided for remote fixture wiring.

OPERATION

Upon failure of normal utility power, a transfer switch automatically connects the battery to DC lighting. Upon resumption of normal utility power, the DC lighting load is disconnected and the battery is recharged. The Central Battery System features a fully automatic, solid-state temperature compensating, current limiting, dual-rate battery charger, designed to recharge the battery within 24 hours. To prevent the battery from being severely damaged by a deep voltage discharge, a line-latched, solid-state low voltage disconnect is used. A voltage sensitive brownout circuit monitors the in/out voltage to the power unit and automatically activates emergency light when a pre-determined reduction in AC voltage occurs.

PRODUCT SPECIFICATIONS

Emergency lighting shall be provided by a Concealite maintenance-free CB Series Central Battery Unit model CBS150. Operation shall be fully automatic and the emergency power unit shall be capable of providing 150 Watts of power for a minimum of 90 minutes. Cabinet construction shall be to NEMA 1 specifications. Batteries shall be maintenance-free lead-calcium. Features shall include a solid-state charger, automatic transfer circuit, charge rate indicator and test switch. Optional Remote Test Switch (RT) is available.

LIMITED WARRANTY

Concealite equipment is guaranteed against defects in materials and workmanship by the manufacturer for a period of three years from date of shipment under normal operation and proper use. Correction of all defects shall be by replacement or repair (at our discretion) and shall constitute fulfillment of all manufacturer's obligations.

CB SERIES DC Central Battery Units



CBS150

Depth 6.75" (17.15 cm) x
Width 18" (45.72 cm) x
Height 8.7" (22.10 cm)

Total Remote Fixture Load (Watts)

Model #	Output Volts	Watts for 90 Min
CBS150	24VDC	150



IR Infrared Remote Test System Option Available

The size of the conductors will depend on the distance between the power source and the total wattage of the remote fixture. Please refer to Voltage Drop Tables to determine appropriate wiring size.

Note: These specifications are subject to change

