

· TYPE _____ · DATE _____ · PROJECT _____

Compact Central Battery Cabinet

MINI

100 W · 12 VDC · ≥ 90 min

SUGGESTED SPECIFICATION

Install Sage Mini Compact Central Battery Cabinets to supply 100 W of emergency power at 12 VDC for at least 90 minutes to any combination of emergency luminaires, remote heads, and exit signs. Units shall include self-test and self-diagnostic operation as standard, with a microprocessor monitoring charger functions and battery condition continuously and performing every test and visual indication required by UL Standard 924. Each cabinet shall provide up to four 12 V emergency branch circuits, #18–#12 AWG, in 1-hour rated metal-jacket MC cable per NEC 700.9(d)(1); loads may be rated for Class 2 wiring. The power supply shall be isolated and all solid state with universal 120–277 VAC input, precise current and voltage regulation, surge and spike protection, and a low-voltage disconnect. Standby power consumption shall not exceed 25 W. The enclosure shall be NEMA Type 1, UL 50 steel, surface mount or optional recess mount. An optional LCD test panel with diagnostic data display and programmable test protocols shall be available.

ELECTRICAL SPECIFICATIONS

Compact central battery cabinet, 100 W, 12 VDC output, ≥ 90 minutes, supplying any combination of emergency luminaires, remote heads, and exit signs. Up to four 12 V emergency branch circuits, #18–#12 AWG, 1-hour-rated metal-jacket MC cable per NEC 700.9(d)(1); loads may be rated for Class 2 wiring. Isolated, all-solid-state power supply with universal 120–277 VAC input, precise current and voltage regulation, surge and spike protection, and low-voltage disconnect. Self-test and self-diagnostic operation standard. Standby power consumption under 25 W. NEMA Type 1 / UL 50 steel enclosure, surface or optional recess mount.

MODEL SPECIFICATIONS

Model	Emergency (W)	Output	Branch circuits	Panel H × W × D (in)
MINI-100	100	12 VDC · ≥ 90 min	up to 4	16 × 12 × 4

Panel weight available on request.

Maximum wiring length, cabinet to fixtures: #18 AWG 50 ft · #16 90 ft · #14 150 ft · #12 250 ft.

PRODUCT DATA · INPUT

AC Input	Universal 120 – 277 VAC
DC Output	12 VDC, ≥ 90 min
Emergency Power	100 W
Branch Circuits	up to 4 (#18–#12 AWG)
Output Conductors	3 — exit (always on) · emergency · common
Standby Draw	< 25 W

FEATURES

- Self-test and self-diagnostic operation standard — every test and visual indication UL 924 requires, run by the microprocessor
- Universal 120–277 VAC input; isolated solid-state power supply, surge and spike protected, low-voltage disconnect
- Standby power consumption under 25 W
- Three-conductor output — always-on exit leg, emergency leg, and shared common
- Optional LCD test panel with diagnostic data display and programmable test protocols
- Optional night lighting (SD)

ORDERING INFORMATION

Model	MINI
Watts	100
Housing	P painted · G galvanized
Mounting	S surface (standard) · R recess kit
Options	SD night lighting · LCD display for all functions

Ordering Example: MINI-100-P-S

UL CONDITIONS OF ACCEPTABILITY

Manufactured and tested to UL Standard 924 and NFPA Life Safety Code 101. ETL listed (Intertek, c/us). Designed and made in the USA.

NOTE: Maximum wiring length from cabinet to fixtures: #18 AWG 50 ft · #16 90 ft · #14 150 ft · #12 250 ft.

NOTE: Loads may be any combination of Sage emergency luminaires, remote heads, and exit signs. Class 2 wiring is permitted; hard conduit is not required unless local codes specify it.

“Engineered for the spaces it protects.”