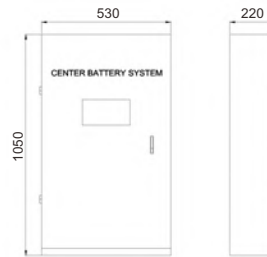


Central battery system (CBS)

Central battery system (CBS) is an addressable power supply unit that provides centralized power and intelligent control for all connected emergency devices. By integrating automatic switching between charging and emergency modes with centralized monitoring, automated testing, and proactive battery management, the system facilitates enhanced building safety and operational efficiency.



- Certificate: UL Listed
- Standard: UL 924, NFPA 70, NFPA 101, IBC
- Feature: Centralized and proactive battery management
- Temperature: 0°C to 45°C
- Installation: Floor mounting
- Location: Indoors only, IP20



Main parts and material

| | | | |
|------------------------|---|-------------------|---|
| Enclosure | Metal cabinet with a hinged door and magnetic latching | Component | Mainboard (with buzzer), 7" full-color touchscreen, programmable keypad, status indicator |
| Backup power | Built-in rechargeable battery, 24 hours charge time, overcharge and over-discharge protection | Networking | Modbus and RS485 |
| System capacity | Up to 80 or 160 addressable devices | Wiring | 2-core 1.5 mm ² cable, max distance 1000 m |

Available size

| Main power | Backup power | Duration | Zone | Addressable device No. | Overall dimension W x H x D (mm) | Ref. No. |
|---|------------------------------|------------|------|------------------------|----------------------------------|-------------|
| 120 ~ 220 VAC, 50/60 Hz, consumption 725 W | lead-acid, 24 VDC, max 33 Ah | 3H @ 150 W | 4 | Max 80 (4 x 20) | 530 x 1050 x 220 | CL4601 (UL) |
| 120 ~ 220 VAC, 50/60 Hz, consumption 725 W | lead-acid, 24 VDC, max 33 Ah | 3H @ 150 W | 8 | Max 160 (8 x 20) | 530 x 1050 x 220 | CL4602 (UL) |
| 120 ~ 220 VAC, 50/60 Hz, consumption 1136 W | lead-acid, 24 VDC, max 65 Ah | 3H @ 300 W | 8 | Max 160 (8 x 20) | 530 x 1050 x 220 | CL4603 (UL) |