

BBS Plus Cabinet

332 Type Cabinet
Extended Backup Hours
Emergency Preparedness
Critical Intersections



Cabinets

Controllers

Signals

Signs

Software

Specialty

Overview

McCain's 332 Battery Backup System (BBS) Plus Cabinet is a unique and innovative design that provides abundant reliable backup power to an entire LED-equipped intersection in the event of a power failure or interruption. The advanced features in this system make it an exceptional choice for use in locations with regular power outages like hurricane-prone areas. High-quality absorbed glass mat (AGM) batteries and a robust charge controller are featured in this battery backup system. The cabinet is the industry standard 332-style, and with its quality materials and rugged construction make it an excellent cabinet when dependable and low-maintenance installation is required. Its 19-inch Electronics Industry Alliance (EIA) rack and modular design allow for the easy interchange of batteries and power control assemblies and components. The McCain 332 BBS Plus Cabinet meets and exceeds City of Los Angeles DOT specifications.

Benefits

- Provides up to 16 hours of battery power in a typical LED Intersection - several times longer than other BBSs
- Ideal for use along evacuation routes and critical intersections
- Includes a Dimensions battery controller and Absolyte sealed, absorbed glass mat (AGM) batteries
- EIA-rail-mounted battery and charger assemblies assure easy interchangeability
- Anti-graffiti coating eases the process of removing unwanted markings from cabinet surfaces

Product Description

This cutting-edge McCain Battery Backup System Plus housed in a standard 332 traffic cabinet is the ultimate backup system. The system includes advanced batteries, a charge controller packed with features, a bypass switch, and status outputs.

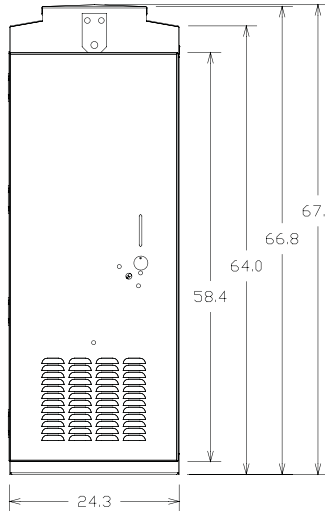
The system is designed to maintain a controlled charge on four banks of Absolyte absorbed glass mat (AGM) sealed batteries. A Dimensions 24 VDC, 1100 W Battery Controller/Inverter keeps the batteries charged for use in a power outage.

In the event of a power failure, the system automatically switches to battery power and will keep a typical modern LED intersection running up to 16 hours.

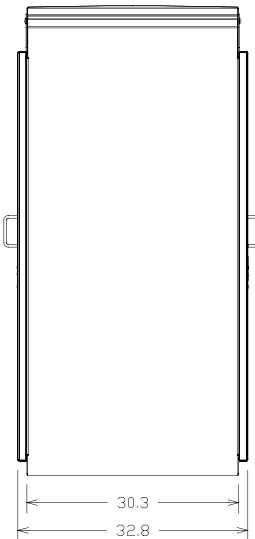
Also featured in this system are a bypass switch which turns off the battery charging circuitry for maintenance and two relay outputs which reflect the status of the system.

BBS Plus Cabinet

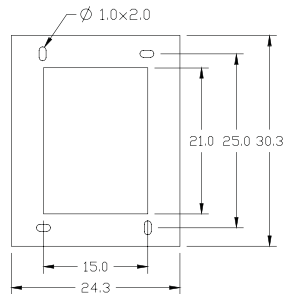
Front



Side



Base



Dimensions rounded to the nearest 0.1"

Standard Features

- Dimensions Battery Backup System Controller/Inverter, 24M11-WBE, 24 VDC, 1100 Watts
- Absolute AGM sealed batteries, 520 AH nominal capacity (4)
- Bypass switch
- Service panel
- Circuit breaker, 30A (DIN rail mounted)
- Fuse block and fuse, 80A (DIN rail mounted)
- Terminal blocks (DIN rail mounted)
- DIN rail
- GFI duplex receptacle
- Fluorescent light
- Heavy duty, stainless steel battery support

General Specifications

Dimensions:	67" H x 24"W x 30" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finish:	Anti-graffiti powder coat in standard colors (custom colors, natural finish, and anodized are also available)
Access:	Front door (1), back door (1), both full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	5/8" removable aluminum hex (latch handle) 2"W x 4½"H x 3/8" diameter door handle (static)
Door Stops:	90° (±10°), each door, top 90° and 180° (±10°), each door, bottom
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan Louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight:	219 lbs without charge controller/inverter or batteries
Final Weight:	1325 lbs with batteries and charge controller/inverter (batteries shipped separately)

Options

- 3/4" x 16" anchor bolts for mounting (4)
- Sunshields
- Drawer assembly(s)

To learn more about
McCain's Integrated Traffic
Solutions, please contact
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