

Eagle Battery Backup System Cabinet

DATA SHEET



DESCRIPTION

The Eagle Battery Backup Systems (BBS) Cabinets are designed to protect batteries and inverters that can keep your intersection running in the event of a power outage. Our cabinets feature an aluminum enclosure for protection from all forms of outdoor natural elements, including rain, sleet, and snow, as well as seepage and splash.

The BBS cabinets include a unique front-sloped cabinet top to direct rain away from the main traffic cabinet when using side-of-cabinet (piggyback) mounting. Eagle BBS cabinets can be used with a variety of third-party BBS systems.

OPTIONAL CONFIGURATIONS

Double-flanged door frame to provide improved water ingress protection.

NEMA 3R rated, continuously welded enclosure for maximum protection from contaminants.

Base mount, side-of-cabinet, or pole mount available.

Unique lock/keying combinations.

Custom finish per customer requirements.

Inward-rotating door handle.

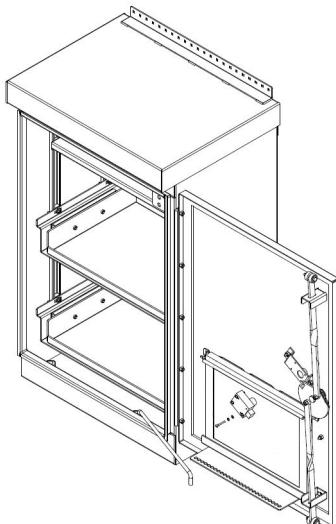
Welded 19" rack rails for mounting equipment.

Generator compartment for additional backup capability.

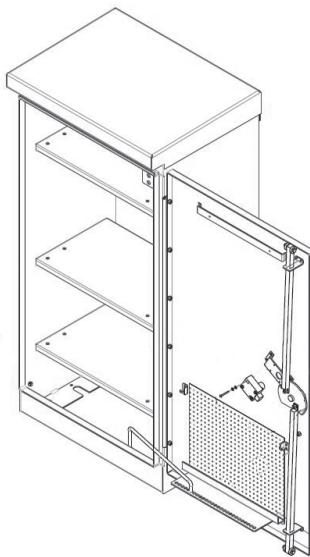


ORDERING INFORMATION

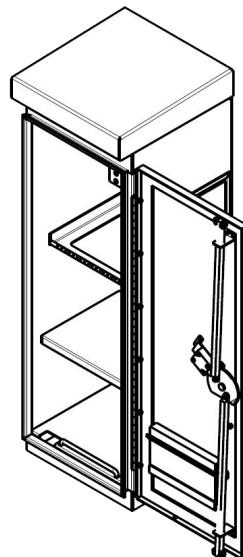
Cabinet Series	Dimensions	Shelves	Mounting	Features
EL742	41" H X 24" W X 16" D	3	Base, Pole, or Side-of-Cabinet	Roll-out battery shelves (2)
EL762	51" H X 24" W X 16" D	3	Base, Pole, or Side-of-Cabinet	Mounting bracket for optional power panel
ELS1015	51" H X 16" W X 15" D	2	Base, Pole, or Side-of-Cabinet	Vertical 19" rack mounting for components



EL742



EL762



ELS1015

STANDARD ENCLOSURE FEATURES

Completely fabricated from .125"-thick type 5052-H32 mill-finished aluminum utilizing intermittent welded construction, subsequently weatherproofed with silicone sealant.

Welded shelves, strengthened to mount batteries up to 150 lbs per shelf.

The door opening is double-flanged on top to prevent water drops when the door is open. The opening also includes a mount for two door-operated switches.

Thermo-convection air ventilation system utilized with provisions for mounting fan for forced-air cooling.

Exhaust outlet openings are provided under the roof over-hang.

All internal and external hardware is fabricated from non-corrosive material.

Adjustable 3/8" diameter stainless steel door stop can be latched in various positions.

STANDARD DOOR SPECIFICATIONS

Provided with three-point locking mechanism with nylon rollers at the top and bottom.

3/4" diameter stainless steel inward-turning handles with provisions for padlocking.

Main door lock – industrial standard pin tumbler lock with #2 key.

Louvered inlet with filter to prevent dirt from entering with air flow.

Closed-cell PVC door gasket with polyester film to prevent sticking

Heavy gauge stainless steel continuous hinge utilizing a 1/4" diameter stainless steel hinge pin for door support, carriage bolted in place, for ease of door removal.