



ISO 9001:2015 Certified

EPIC SERIES PRODUCT

Battery Cabinet



JF5056-00

INTRODUCTION

EPIC SERIES

“A simple and flexible solution that safely houses your DC equipment...”



The EPIC Series Battery Cabinet creates an ideal environment to maximize battery life and save you time and money.

Built in the USA, this enclosure is a simple and flexible solution that safely houses your DC equipment including batteries, battery chargers and other ancillary equipment.

Available in either NEMA 1 or 3R, the EPIC Series Battery Cabinet is ideal for both indoor and outdoor applications.

We offer in-house engineering to provide a turnkey solution specific to your application needs.



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Safely enclose batteries, chargers, distribution & ancillary equipment with a modular design that easily expands to accommodate any configuration.

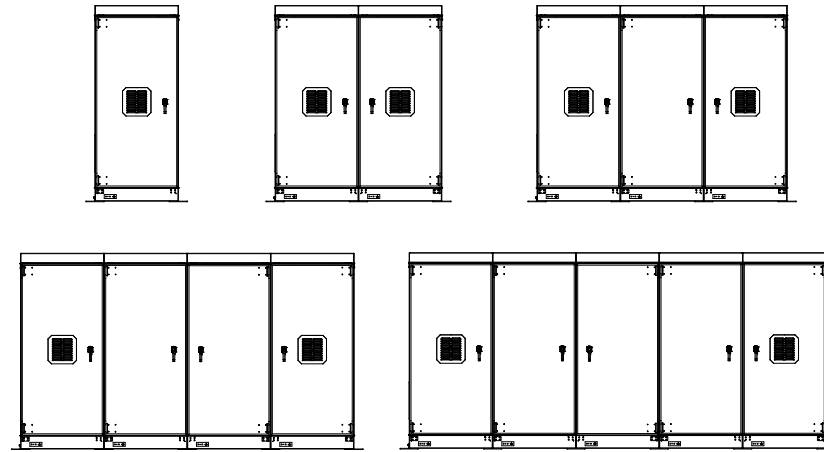


- ENVIRONMENTAL PROTECTION**
Keeps your dc equipment at the ideal temperature to extend performance and life.
- SEISMIC CERTIFIED**
Certified to IEEE 693 High and Moderate.
- CONSOLIDATE YOUR DC SYSTEM**
A great alternative for substations with limited interior space allowing for consolidation of your dc power system.
- SAFETY**
Safely enclose dc equipment to keep personnel away from exposed battery terminals. Equipped with hydrogen mitigation per IEEE 1635.

STANDARD FEATURES

MODULAR DESIGN

The construction of the console is comprised of modular 3ft. units. It is be configured based on your system requirements.



NEMA 1/ NEMA 3R

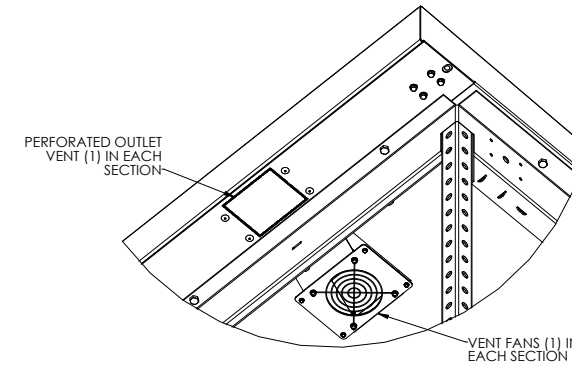
Available in either NEMA 1 or 3R. NEMA 1 provides general protection of the battery. NEMA 3R is constructed of extremely durable injected foam panels that achieve a level of thermal performance not previously seen in traditional battery cabinets.



NEMA 3R Panel

SEISMIC CERTIFIED BATTERY RACK

Using a Unistrut design, the battery rack is sized to your exact battery model, allowing for a perfect fit. The rack is part of the main structure of the cabinet, creating a sturdier build and easy access for maintenance. Seismic bracing comes standard and is certified to IEEE 693 High and Moderate.



HYDROGEN MITIGATION

Equipped with a ventilation system that purges the air based on battery Ah capacity and technology set forth in IEEE 1635 guidelines.

HINDLE HEALTH STATUS LIGHTS

Exterior LED indicators that give quick and simple indication if an issue should arise. Green means good to go. Red means action is required.

PADLOCK HANDLES

All doors come standard with padlockable doors.

NEMA 2 GROUND PAD

A ground pad is provided on the base of each cabinet section.

WIRE LABELS

Internal wiring is labeled for easy identification.

WEATHER SEALED (NEMA 3R ONLY)

A recessed drip edge and inter-panel gasketing ensures protection from the elements.

OPTIONS & ACCESSORIES

HEATING AND AIR CONDITIONING

State-of-the-art temperature control system ensures your batteries and chargers operate within the optimal temperature range, regardless of external weather conditions.

Heating
EI5184-##

Air Conditioning
EI5185-##

SPILL CONTAINMENT

Available for both Lead and NiCad systems, spill trays and pillows offer protection from hazardous battery spills and leaks.

EI5186-##

SMOKE DETECTOR

Provides an alarm output in the event of smoke build-up.

EI5193-00

FIRE EXTINGUISHER

Easily accessible for use in the event of an emergency.

EI5193-10

HYDROGEN SENSOR

Provides 1% and 2% alarm outputs in the event of hydrogen build-up.

EI5192-00

DOOR OPTIONS

Rear door option that allows for easy access to both sides of the enclosure, and bi-fold door options that are ideal for confined spaces.

EI5179-##

LED LIGHTING

Internal 12Vdc lighting in all cabinet sections with a manual switch.

EI5190-##

ELECTRICAL OUTLET

120Vac, 15A duplex outlet for maintenance use.

EI5194-##

LIFTING STRAPS

An easy and safe strapping system to lift the cabinet via crane or forklift.

EI5196-##

DC TERMINAL BLOCK

Common point for the user to tie into the dc bus.

EJ5097-##

PORTABLE EYE WASH

Two bottle portable eye wash station, mounted on the interior of the battery bay door for easy access.

PL0068-50

DESIGN EXAMPLES



NEMA 1: This style battery cabinet is ideal for indoor applications not requiring temperature control. This example is a two door cabinet equipped with standard seismic rated battery rack.



NEMA 3R: This battery and electric cabinet is a three door design, equipped with standard seismic rated battery rack, user selected ATevo Battery Charger and DC Control Panel, and an optional air conditioner for temperature control.



NEMA 3R: This battery and electric cabinet is a three door unit equipped with front and rear door access. It also includes the standard seismic rated battery rack, two user selected ATevo Battery Chargers, an optional 19 inch full relay rack and air conditioner for temperature control.



NEMA 3R: This one door combined battery and electric cabinet is ideal for applications with limited space. It is equipped with standard seismic rated battery rack, user selected ATevo Battery Charger, and an optional air conditioner for temperature control.

SYSTEM INTEGRATION

The EPIC Series Battery Cabinet is an enclosure you can truly make your own.

We recognize every site and every project comes with its own unique requirements. Our team can integrate a variety of equipment needed for your specific application.

- *Alarming Capabilities*
- *Monitoring Equipment*
- *Safety Equipment*
- *Communication*
- *Power Distribution & Control*
- *And More...*



Call HindlePower at **610-330-9000** to speak with our professional and knowledgeable team.

Our staff is available Monday-Friday from 8:00am-5:00 pm ET

SPECIFICATIONS

Nominal Dimensions:

Height- 86in
Depth- 43in
Length- 36in
(scalable in 36in increments)

Performance:

NEMA 1, IP 10
NEMA 3R, IP 14
IEEE 1635 Ventilation and Thermal Management of Batteries
Snow load up to 40 psf
Wind load up to 151 mph

Certifications:

IEEE 693 'High'
(up to 1000lbs per section)

Insulation:

Walls- R12 (NEMA 3R only)
Floor- R12 (NEMA 3R only)
Ceiling- R6 (NEMA 3R only)

Thermal Performance:

65 deg F internal at -40 deg F exterior ambient
77 deg F internal at 122 deg F exterior ambient

Finish:

ANSI 61 gray polyester, powder coat

Input Voltage:

120/240 Vac split phase

Alarming:

Standard summary alarm contact

Warranty:

5 year on cabinet structure



**Standard Drawings
& Documentation**



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