

EPIC SERIES PRODUCT



Battery Cabinet

EPIC SERIES BATTERY CABINET

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.



TABLE OF CONTENTS

- 2 Introduction**
- 4 Standard Features**
- 6 Options & Accessories**
- 7 Design Examples**
- 8 System Integration**
- 9 Specifications**

EPIC SERIES BATTERY CABINET

*Safely enclose **batteries, chargers, distribution & ancillary equipment** with a modular design that easily expands to accomodate 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.

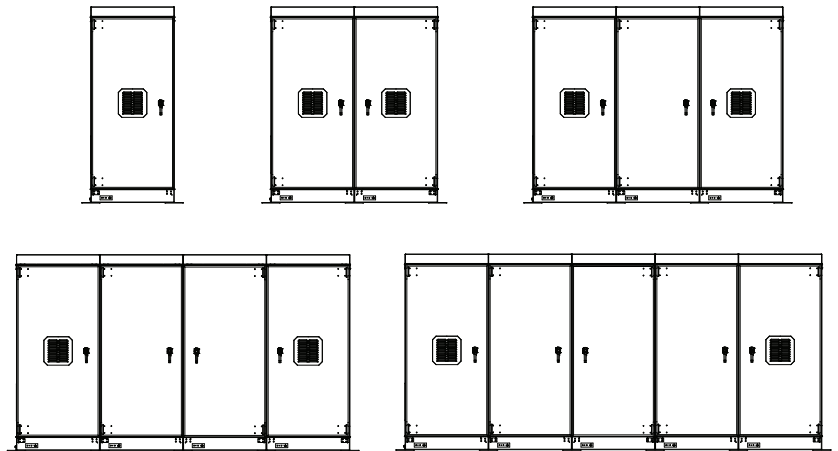
SAFETY

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 to 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.



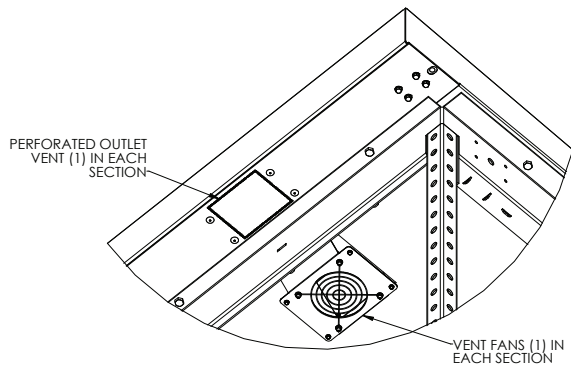
NEMA 3R Panel

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.



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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.

Specifications subject to change

OPTIONS & ACCESSORIES

	Heating	Air Conditioning
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.	EI5185-##	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 accesible 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

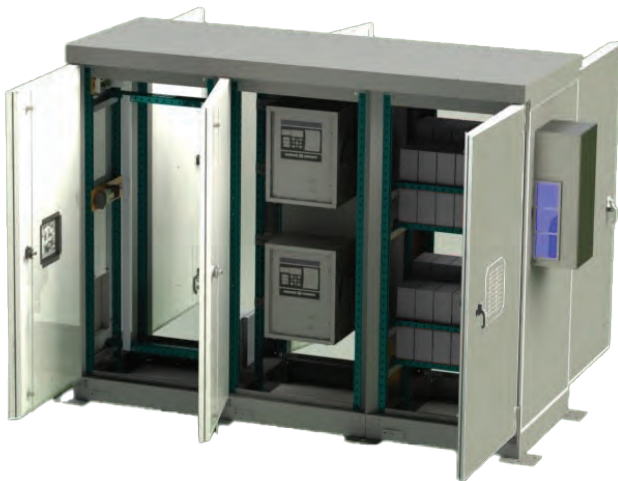
DESIGN EXAMPLES



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.

Batteries depicted above are for reference only and not provided by HindlePower.

EPIC SERIES BATTERY CABINET

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.

- | | |
|--------------------------------|---|
| ■ <i>Alarming Capabilities</i> | ■ <i>Communication</i> |
| ■ <i>Monitoring Equipment</i> | ■ <i>Power Distribution & Control</i> |
| ■ <i>Safety Equipment</i> | ■ <i>And More...</i> |



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**

Specifications subject to change

BAE/HINDLEPOWER PARTNERSHIP

BAE has a strong legacy as a trusted European manufacturer of high quality, highly reliable stationary batteries for emergency backup power systems. Their batteries are used worldwide in applications such as electric utilities, industrial operations, renewable energy, transportation, telecommunications, and data centers. To meet the growing demands of North American customers, BAE USA provides localized support and service.

HindlePower, Inc., headquartered in Easton, PA, is recognized as the premier manufacturer of stationary and utility battery chargers in the Western Hemisphere. Since the mid-1970s, HindlePower has offered a comprehensive range of microprocessor and standard SCR chargers through partnerships with battery manufacturers.

BAE USA is proud to partner with HindlePower to distribute its complete line of battery charging products and accessories. The BAE/Hindle microprocessor charger, are designed to complement BAE's battery line, provides state-of-the-art control for industrial users, enabling both local and remote management of critical charging parameters, along with efficient alarm monitoring.

Together, BAE USA and HindlePower offer a wide range of charging solutions, including:

- ATEVO advanced SCR battery chargers
- Specialized battery system cabinets and trailers
- DC Distribution and disconnects
- Custom design and engineering services
- Single-cell battery chargers
- Universal maintenance chargers

For more information about BAE batteries and chargers, please contact BAE USA or your local representative or dealer.

FOR MORE INFORMATION:

Call to speak with our professional and knowledgeable team:

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Seismic Qualified - ABS
CE certification available upon request
JF5056-00 Rev.8 0124
BAE 0125

All specifications subject to change.