



Telecommunications and Cable

Dual Bay Large Enclosure



The VaultFlex™ Dual Bay Large enclosure provides a secure, thermally managed environment for your backup battery system that allows you to take your batteries outside of the building. Housing your batteries in an outdoor enclosure allows you to free up valuable space for equipment, increase serviceability at your site and provide an excellent alternative to costly building expansions or the addition of a pre-fabricated shelter.

With advanced thermal management technology, VaultFlex enclosures keep your batteries at their optimum operating temperatures even in extreme outside temperatures, making your system every bit as reliable as it was when the batteries were located inside.

These NEMA 3R enclosures support a wide variety of EnerSys® proven battery chemistries, and their modular design allows for future expansion and flexibility.

Features and Benefits

- Supports the PowerSafe® DDm125-33 battery in a -48V string or up to ten -48v strings of PowerSafe SBS-190 batteries
- PowerSafe DDm125-33 battery rack designed to meet seismic UBC Zone 4 / IBC Sds = 0.55g
- PowerSafe SBS-190 battery rack certified to NEBS™ seismic zone 4 criteria
- Enclosure designed to meet earthquake Zone 4 criteria per NEBS GR-63
- Fast, off-the-shelf solution
- Reduced cooling costs and extended battery life
- Built-in security features
- Reduced capital and operational expenses
- Lower Total Cost of Ownership (TCO)

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RESERVE
POWER

Publication No: US-VF-DBLarge-AA - August 2016

Exterior

- Enclosure – 0.090 aluminum
- Battery rack – 0.125 steel
- Finish – ultra light gray polyester powder coat
- Insulation – 1.5" insulation on cabinet walls and roof

Door/Side/Top Panels

- Doors – front doors; left and right open
- Door handles – pad-lockable
- Door hinges – hidden hinges

Cable Entry

- Ingress/Egress – knockouts on left and right sides

Mounting Options

- Pad mountable with corrosion inhibiting polycarbonate isolator base

Interior

Battery Breakers

- EEE 1200A disconnect switch

Hydrogen Evacuation

- Passive ventilation
- Optional hydrogen sensor

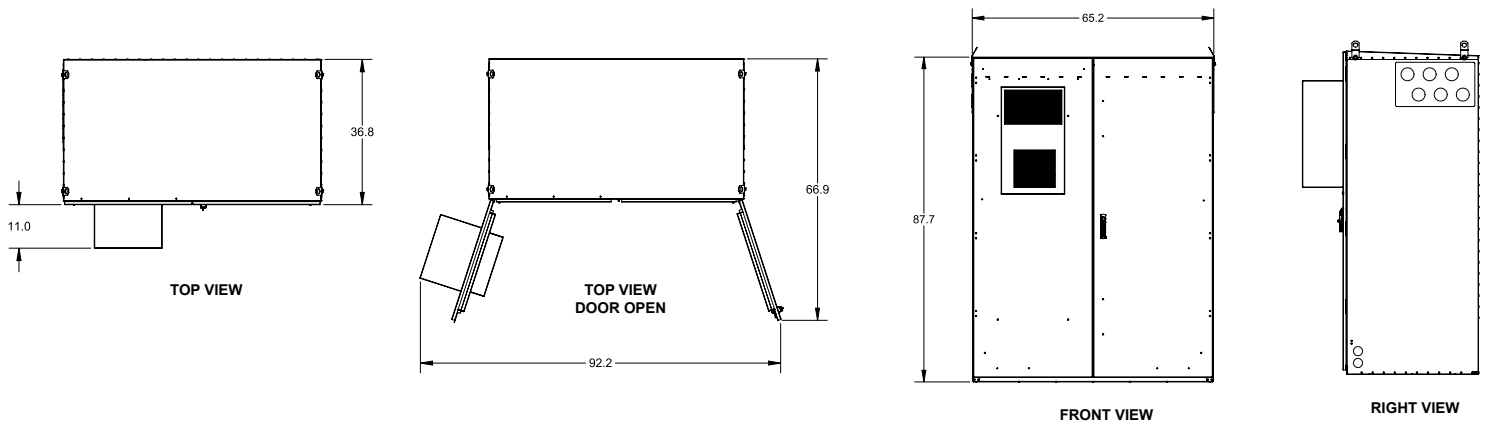
Other Options

- Enclosure alarms; climate unit, door
- Hydrogen sensor alarm
- AC light with door activated switch
- GFI protected convenience outlet cable
- Cable raceway kit for attaching multiple cabinets together
- Temperature monitoring kits

Standards

- PowerSafe® DDm125-33 battery rack designed to meet earthquake UBC Zone 4 / IBC S_{as} = 0.55g or NEBS™ GR-63
- PowerSafe SBS190 battery rack compliant to seismic Zone 4 criteria per NEBS™
- Enclosure designed to meet earthquake Zone 4 criteria per NEBS GR-63
- Designed to meet hydrogen evacuation criteria per GR-487 issue 4

Exterior Dimsions (W / D / H) (in / mm)	Battery Supported	Thermal Management Systems
		Air Conditioner
65.2" x 36.8" x 87.7" 1656 x 935 x 2228	One -48V String PowerSafe® DDm125-33 or Up to ten -48V strings PowerSafe SBS190 batteries	4,000 BTU capacity with integrated 500W heater Optional second (redundant) air conditioner



Note: All measurements shown in inches



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