



UBC/IBC VRLA Front Access Racks

Seismic 4-Post Front Access Racks

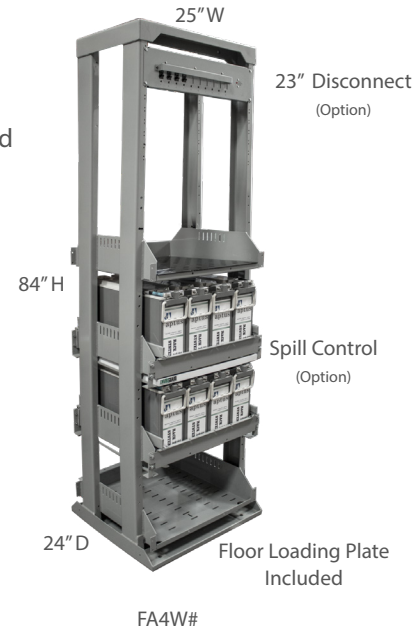
EnviroGuard, an ISO 9001-2015 Quality Manufacturer, offers a 4-Post frame rack for 48V Front Access battery systems. Made in the USA, they are manufactured by certified welders and fiber laser technology, ensuring the highest level of quality control. Ask about our Quick Ship Programs.

Benefits

- » Stocking program available
- » EnviroGuard is a licensed C-10 electrical contractor in the state of California
- » Custom configurations available
- » Compliant with California Building Code (CBC)
- » Manually disconnect each shelf for maintenance purposes
- » California PE certification to UBC, IBC and California Building Code (CBC)

Standard Equipment

- » Accommodates all major manufacturers front terminal VRLA batteries
- » California PE certified seismic design: UBC 1, 2a, 2b, 3, 4 and meets IBC 2012 and 2015
- » From 1 tray up to 7 tray configurations available – 48VDC
- » Floor loading plate is included (\$300 value)
- » Diagonal anchor holes for easy installation



Cabling Configurations available

- » No cabling
- » Cable only
- » Cable with 100 AMP disconnects
- » Cable with Anderson disconnects

Cable Sizes available

- » 2/0 cable
- » 4/0 cable
- » Custom Cable sizes available

[Request a Quote Today](#)



Integrated Environmental Control available

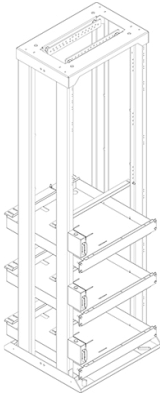
- » Tray Mounts to Rack



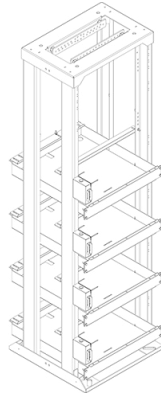
Mini Hawk



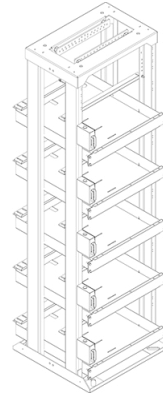
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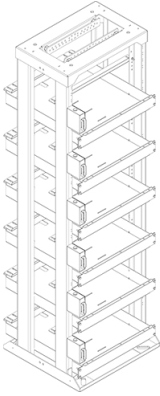
FA4W2-2-3T#



FA4W2-2-4T#



FA4W2-2-5T#



FA4W2-2-6T#



FA4W2-2-7T#



Optional Panels

Optional Equipment

- » Wired with shelf-level battery disconnects (100 amp) for all major battery models
- » Wires connected to bus bars with 2 hole lugs & stainless steel hardware
- » Manual Anderson disconnect available
- » Optional 23" battery disconnect panel may be mounted at the top of the rack in a horizontal configuration (100A breakers)
- » Bus bars 2" x 1/4" w/ various ratings
- » Custom configurations available
- » 24v available upon request

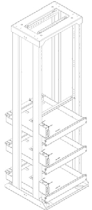
- » Tin plated, electrolytic grade copper
- » Raw Copper
- » C11000 has minimum copper content of 99.9%
- » Angled 2-hole landings
- » Integrated spill containment available for each shelf
- » Sheet Metal or Polycarbonate protective shields available for each side
- » Rack U's (1.75) available for additional support equipment

Dimensions

- » Width inches: 25.11
- » Depth inches: 23.92
- » Height inches: 83.94
- » Weight pounds: 325 to 370 based on options selected
- » Accommodates four Batteries per shelf



Protecting Mission-Critical Facilities and Personnel since 1993



3-Tray



4-Tray



5-Tray



6-Tray



7-Tray



Rack Series

FA = Front Access
7' rack (84")

of Posts

4 = 4 post
2 = 2 post

Style

W = Welded Rack
B = Bolted Rack
M = Mobile Rack

Width

1 = 19" wide
2 = 23" wide

Number of Trays

3T = 3 battery trays
4T = 4 battery trays
5T = 5 battery trays
6T = 6 battery trays
7T = 7 battery trays

Battery Length

A = 20.25" - 21.47"
B = 19.02" - 20.24"
C = 17.79" - 19.01"
D = 16.56" - 17.78"
E = 15.33" - 16.55"
F = 14.10" - 15.32"

Integrated Spill Containment

NA = No Containment
MH = Mini Hawk
PP = Poly Pan
SH = Standard Hawk

Seismic Rating

0 = Non Seismic
1 = UBC Zone 1 - 4
2 = UBC & IBC 2015
N = NEBS/UBC/IBC/CBC
(Pending)

Cabling

P48 = 2/0 Fully Loaded, -48v, Bus w/ cables to tray level disconnects
A48 = 2/0 Fully Loaded, -48v, Bus w/ cables to Anderson disconnects
C48 = 2/0 Cables & Bus Only
B48 = 4/0 Fully Loaded, -48v, Bus w/ cables to Anderson disconnects
D48 = 4/0 Cables & Bus Only

All critical parameters must be verified.



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Frequently Asked Questions

Q) Which manufacturers Front Access batteries fit in EnviroGuard's Front Access racks?

C & D Technologies - East Penn - Hoppecke - GNB - EnerSys - China Storage Battery - NorthStar - Leoch

Q) What seismic certifications do your 4 post Front Access racks meet?

UBC Zones 1-4, IBC 2012, IBC 2015, California Building Code (CBC) 2016, NEBS Zone 4 (available August 2019)

Q) Do you have 2 post racks?

Yes, EnviroGuard has both bolt together frames and welded frames with bolt in trays sold separately.

Q) Do you have other racks for VRLA batteries?

Yes, EnviroGuard also has open seismic and non-seismic racks for Utility and Datacenter applications.

Q) Are your 2 post racks seismic?

Not at this time.

Q) Are your Front Access racks NEBS approved?

The EnviroGuard four post 3, 4, 5 and 6 tray dual certified NEBS Zone 4 and IBC 2015 will be available August 2019.

Q) Do your racks meet the California Building code?

Yes, they are dual certified to IBC 2015 and CBC 2016.

Q) What is the standard rating of your disconnects for Front Access racks?

100 AH, 1 pole (customization available).

Q) Can we order a split bus?

Yes, it is available as a custom option.

Q) Can we order raw copper bus bars?

Yes. Our standard is a tin plated bus bar, but it is available as a custom option without the coating.

Q) What is your grade of copper used?

EnviroGuard Front Access bus bars are electrolytic grade copper: CDA-110 or C-11000 and tin plated.

Q) Can we order a 23" disconnect panel?

If so how many positions? Yes, the 23" panel is available as a custom option with up to 7 positions.

Q) Do you offer additional Rack Unit spaces for additional equipment?

Yes, EnviroGuard will add Rack Unit holes to mount equipment such as rectifiers, inverters and other equipment to the battery rack according to your specification.

Q) Does EnviroGuard offer 19" racks?

EnviroGuard offers 2 post non-seismic 19" Front Access racks.

Q) Can EnviroGuard pre-wire the racks?

Yes, Enviroguard can pre-wire Front Access racks from bus to disconnects or just wire from the bus to the trays.

Q) What sizes of wire/cable are available?

Standard Cable size is #2/0 flex with positive marker and includes 1 two hole lug and 1 single hole lug. Other cable types are available upon request.



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Frequently Asked Questions

Q) What lug hole sizes are available?

Lugs are sized in accordance with the battery post specification.

Q) Does EnviroGuard offer rack mounting hardware, such as anchor bolts?

EnviroGuard does not offer anchoring hardware. Anchor selection and purchasing of anchor hardware is the responsibility of the installer and or site engineer.

Q) Are grounding holes standard?

Dual .44" grounding holes are provided on the top and bottom of the Front Access rack frame.

Q) What is your standard shipping time?

32 business days ARO for custom solutions. 23 business days for standard options. 10 business days or less for customers on the EnviroGuard Stocking Program.

Q) Can full-length metal or polycarbonate panels be added to create a cabinet or protective cover?

Powder coated steel or polycarbonate bolt on panels are available as additional accessory kits.

Q) Can spill control and neutralization pillows be added if required by the authority having jurisdiction (AHJ)?

Integrated shelf level containment is available as an option. Floor level containment is also available which can encompass one or more racks.

Q) Can custom bus configuration be requested?

Standard option for bus is 1000 AH tin coated with additional custom options available including higher AH rating and split bus.

Q) Do you provide quantity discounts?

Product and or shipping discounts are available for orders of 6 or more racks at a time.

Q) How do I quote or order these units?

Standard offerings are available in the EnviroGuard Extranet 24/7 or contact your EnviroGuard Sales Representative for a quotation Monday through Friday 5am to 5pm Pacific Time.