

# ENVIROGUARD®

*Global Energy & Compliance Solutions*

Protecting Mission-Critical Facilities and Personnel since 1993

## VRLA and VLA Rack Solutions to Fit All the Battery Models in the Industry

Certified Manufacturer of UL Listed and UL Recognized  
Products



(800) 206-9884 | [enviroguard.com](http://enviroguard.com)



5534 Olive Street, Montclair, CA 91763



## EnviroGuard

EnviroGuard is a woman owned (WBE), ISO 9001-2015 Certified Manufacturer of UL Listed and UL Recognized products in the US and Canada. EnviroGuard designs, manufactures and sells the only patented, UL listed and NEBS approved spill containment system on the market.

Our clients include firms in industries such as telecommunications, UPS, switchgear and control, petrochemical, utility, solar, microwave, and railroad applications, as well as many others.

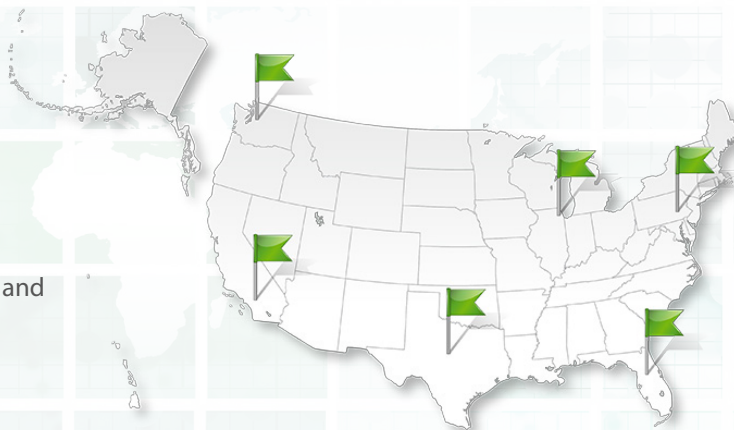
What makes EnviroGuard the product of choice is that it is the only system available that is approved by Underwriters Laboratories and meets the exacting earthquake requirements of NEBS (Network Equipment-Building Systems). EnviroGuard customers can rest easy, knowing that their facilities are protected by the best spill containment systems and racks available.

In addition to spill containment and racks, we also provide customers with a complete line of safety equipment and other supplies for the battery room. Our product line includes spill clean-up kits, protective eye wear, tools, hydrogen detectors, battery watering carts, and much more.



### What can EnviroGuard do for you?

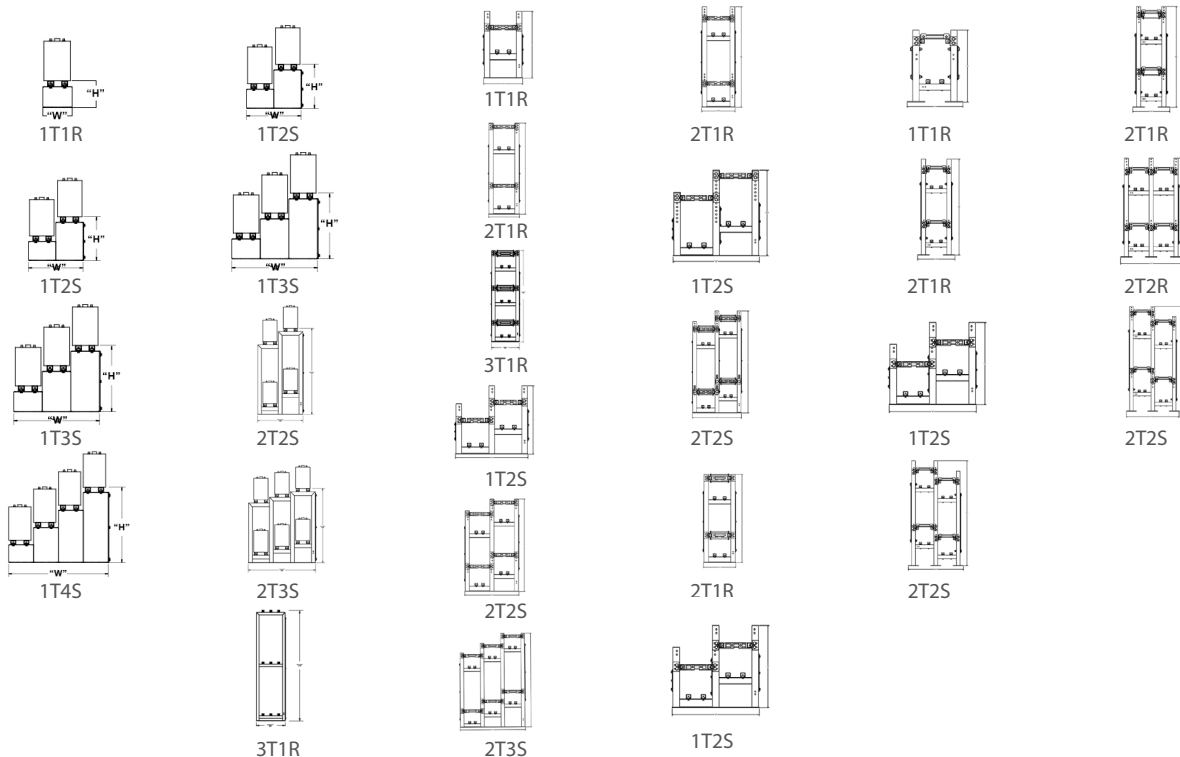
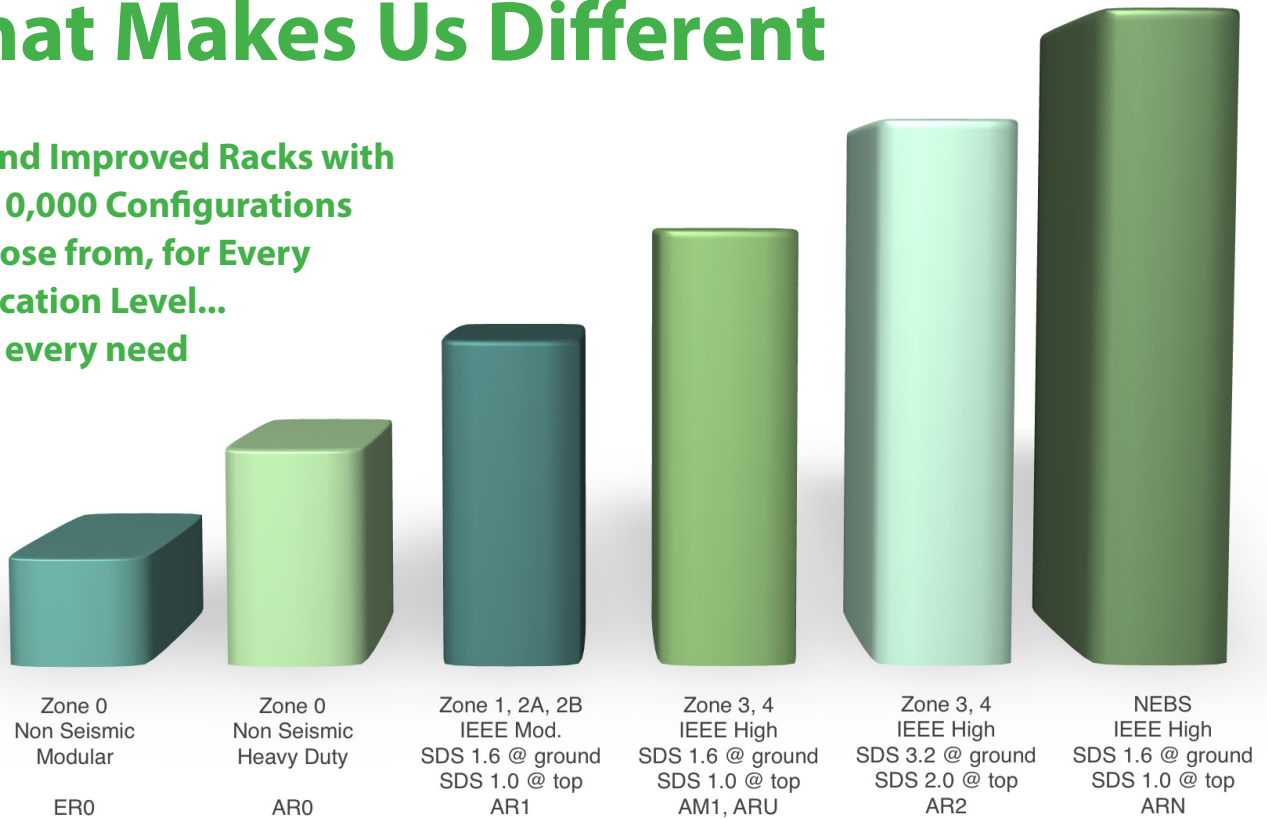
- » Spill Containment for Stationary batteries VLA, VRLA, NiCad
- » Spill Control for Motive Power
- » Racks and Enclosures
- » Safety Products
- » Battery Terminal Covers per 70E
- » Environmental Services for Testing, Installation and Removal of Pillows
- » Project Management
- » Fabrication Services
- » Training on Battery Room Safety and Compliance





# What Makes Us Different

**New and Improved Racks with  
Over 10,000 Configurations  
to choose from, for Every  
Certification Level...  
... and every need**





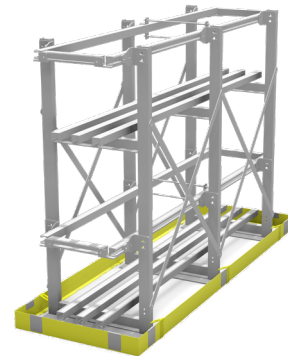


# Seismic Capabilities and More

Features	ER0	AR0	AR1	AM1	ARU	AR2	ARN	Front Access	Custom
<b>EnviroGuard Advantage</b>									
P.E. Certified	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Spill Containment</b>									
EnviroGuard Spill Containment	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Battery Type Support</b>									
Flooded/VRLA/NiCad/AGM	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Product Features</b>									
Quick Ship Available	✓			✓					✓
Polycarb or Metal Skins		✓	✓	✓	✓	✓	✓	✓	✓
<b>Seismic Certifications</b>									
IBC			✓	✓	✓	✓	✓	✓	✓
UBC			✓			✓	✓	✓	✓
SDS 1.6 at ground			✓	✓			✓		✓
SDS 3.2 at ground						✓			✓
SDS 1.0 at top			✓	✓			✓		✓
SDS 2.0 at top						✓			✓
IEEE 693 Moderate			✓						✓
IEEE 693 High				✓	✓	✓			✓
NEBS							✓		✓
Zone 0	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zone 1, 2a, 2b, 3, 4			✓	✓	✓	✓	✓	✓	✓

Use our [Online Rack Sizer](#) to find just the right Rack for your site.

- » Step, Multi-Tier, Front Access
- » Seismic Zones 0 to 4
- » Certified by a Structural and Professional Engineer
- » Flexible Configurations
- » Utility, Telecommunications, Solar, Petrochemical, etc.
- » NiCad, VRLA, Flooded, AGM, Other
- » UBC, IBC, IEEE, NEBS, ISO Manufactured
- » WITH Integrated Spill Containment Solutions
- » Poly or Metal Skins Available
- » And Custom Solutions
- » Seismic Certificates available upon request



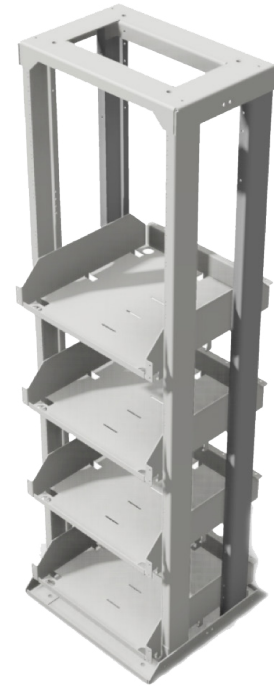


## VRLA Battery Racks

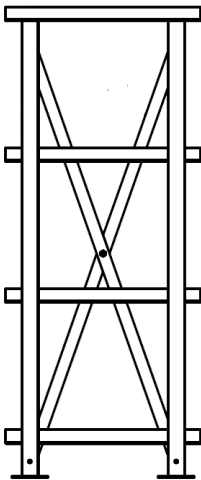
EnviroGuard's Rack Series covers every major battery manufacturers line of VRLA batteries. Non-Seismic and Seismic, from UBC Zone 1 to Zone 4, IBC 2012 and 2015, IEEE 693 Moderate, IEEE 693 High and NEBS compliant racks. We have your essential facilities covered in a way other rack manufacturers don't.

### Features & Benefits:

- » Heavy Duty Flexible Designs
- » Configurations include 1T1R, 1T2S, 1T3S, 1T4S, 2T2S, 2T3S, 2T1R, 3T1R, 4T1R, 2T2R, Front Access and Custom
- » Integrated spill containment available
- » Comes standard with galvanized rails with acid resistant covers, ANSI 61 powder coated rails available
- » Certified by Structural and Professional Engineers
- » Easier Assembly
- » Integrated grounding holes
- » Manufactured In-House (USA), ISO 9001-2015



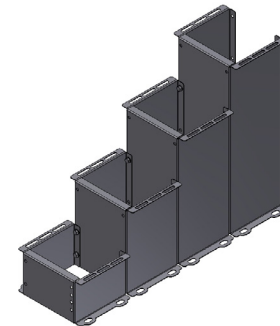
FA4W2-2-4T#



AR0-4T1R-JCC4000-024

Certified by a Structural and Professional Engineer, EnviroGuard Racks provide rugged construction and a safe, economical solution.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented spill containment systems with neutralization and absorption.



ER0-1T4S-BCEx000-XXX

### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)



# UBC/IBC VRLA Front Access Racks

EnviroGuard's Front Access Racks are rated to UBC Zone 4 and IBC 2015 Standards. Made in the USA, they are manufactured by certified welders and fiber laser precision cutting, ensuring the highest level of quality control. They come with or without cables, and can be configurable with shelf level disconnects or Anderson connectors and tin coated copper bus work. Optional shelf level integrated spill containment and cable kits are available for future growth.

## Features:

- » 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
- » California PE certification to UBC, IBC and California Building Code (CBC)
- » Available in 2 Post, 4 Post and Mobile designs
- » From 1 tray up to 7 tray configurations available – 48VDC
- » Integrated spill containment available for each shelf
- » Sheet Metal or Polycarbonite protective shields available for each side
- » Floor loading plate is standard (\$300 value)
- » Integrated Cable Management
- » 23" and 19" Options
- » EnviroGuard is a licensed C-10 electrical contractor in the state of California
- » Unit spaces available for additional support equipment



4-Post



2-Post



FA with Panel Kit

[Request a Quote Today](#)



## Integrated Environmental Control:

- » Tray Mounts to Rack

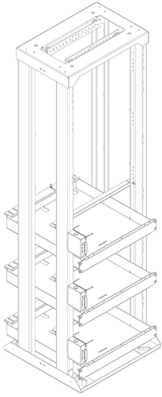


Mini Hawk

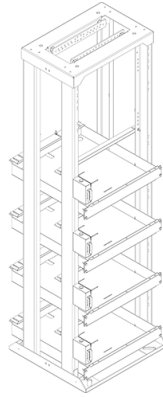




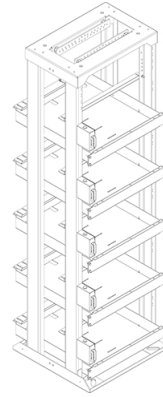
# UBC/IBC VRLA Front Access Racks



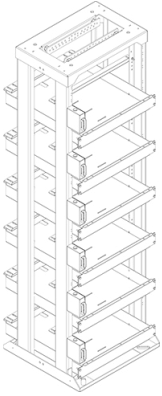
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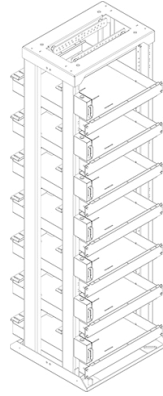
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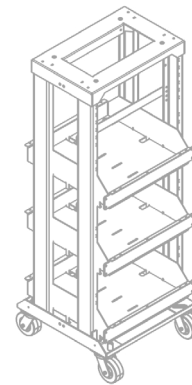
FA4W2-2-5T#



FA4W2-2-6T#



FA4W2-2-7T#



FA Mobile

## Breakers & Cabling:

- » 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)
- » Custom configurations available
- » 24v available upon request

## Bus Bars:

- » Bus bars 2" x 1/4" w/ various ratings
- » Tin plated, electrolytic grade copper
- » C11000 has minimum copper content of 99.9%
- » Angled 2-hole landings

## Popular Configurations:

- » Rack only or integrated system with 3 - 7 trays
- » Pre-cabled from bus to each battery shelf
- » Cable from disconnect to the battery

## Mobile:

- » 4 heavy-duty casters rated at 4,000 lbs with breaks
- » Up to 3 trays to accommodate all major front terminal VRLA batteries

## Other Product Considerations:

- » Spill cartridges
- » Cable kits
- » Rack U's (1.75) available for additional support equipment
- » Integrated containment
- » Sheet Metal or Polycarbonate protective shields available for each side



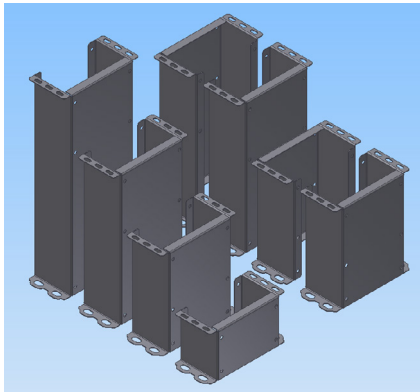
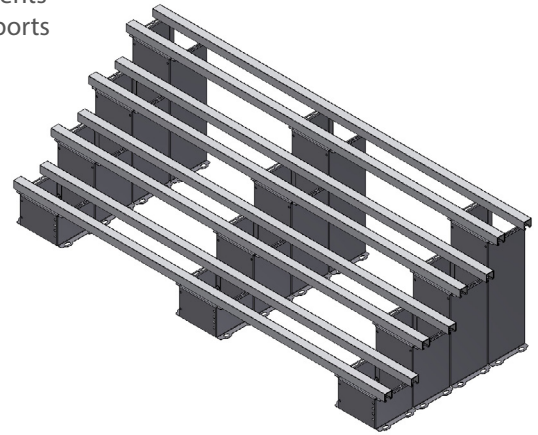
# Non-Seismic Modular Step Rack

## ER0 Rack Series

EnviroGuard's ER0 Step Rack is a modular design for non-seismic applications. The ER0 line can deliver significant savings in those areas where seismic requirements are not prescribed by AHJ (Authorities Having Jurisdiction). The ER0 rack supports lead acid and nickel cadmium batteries in various applications.

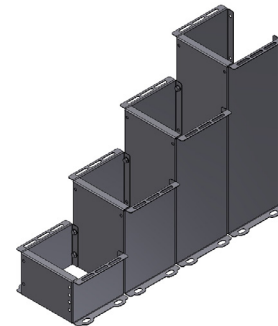
### Features & Benefits:

- » Heavy Duty Flexible Design - holds up to 54 lb/in
- » Double Modules: Block Module design carries double the load bearing capability of similar racks
- » Configurations include 1T1R, 1T2S, 1T3S and 1T4S
- » Integrated spill containment available
- » Comes standard with galvanized rails with acid resistant covers, ANSI 61 powder coated rails available
- » Made for most makes and models of batteries
- » Easy Assembly, modules shipped pre-assembled for reduced set-up time
- » Integrated grounding holes
- » Manufactured In-House (USA), ISO 9001-2015
- » Delivery is available in only 2-3 weeks in common configurations



Certified by a Structural and Professional Engineer, the ER0 Rack provides rugged construction and a safe, economical solution.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented spill containment systems with neutralization and absorption.



### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)







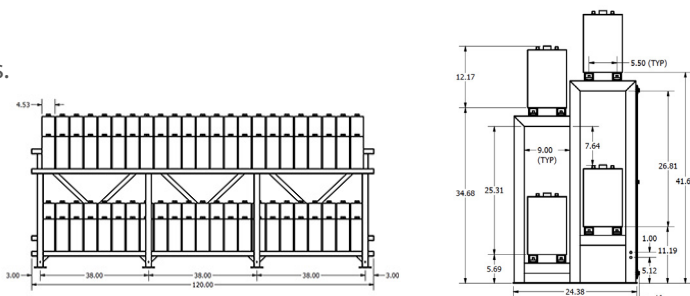
# Non-Seismic Heavy Duty Rack

## AR0 Rack Series

EnviroGuard's AR0 Step Rack is a modular design for non-seismic applications. The AR0 rack supports lead acid and nickel cadmium batteries in various applications, most often in utility and petrochemical as well as high temperature environments.

### Product Features:

- » Heavy Duty Modular Design.
- » Fully welded powder coated stanchions.
- » Configurations include 1T2S, 1T3S, 2T2S and 2T3S.
- » Seismic Configurations available in all rack models.
- » 2-3 Rails per step (based on weight of battery system).
- » Comes standard with galvanized rails with acid resistant covers. ANSI 61 powder coated rails available.
- » Made for most makes and models of batteries.
- » Cross braces for uniform spacing.
- » Easy Modular Assembly.
- » Manufactured In-House (USA), ISO 9001-2015.
- » Delivery is available in only 2-3 weeks in common configurations.



Certified by a Structural and Professional Engineer, the AR0 Rack provides rugged construction and a safe economical solution.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented integrated spill containment systems with neutralization and absorption.

### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)





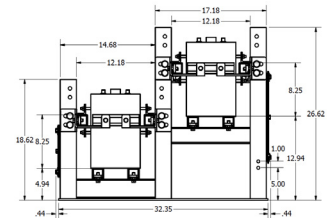
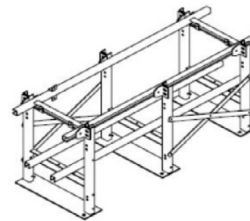
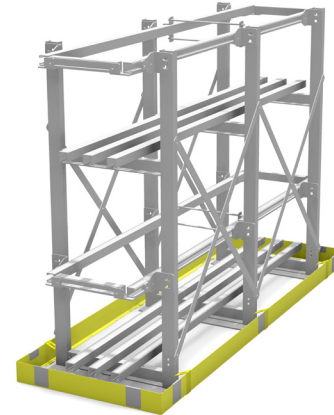
# IEEE 693 Moderate Seismic Rack

## AR1 Rack Series

EnviroGuard's AR1 Rack is a modular design for Seismic applications that accommodates most makes and models of batteries. The AR1 rack supports lead acid and nickel cadmium batteries in various applications, most often in utility, data center and petrochemical as well as high temperature environments.

### Product Features:

- » Heavy Duty Modular Design.
- » All racks are fabricated using certified welders.
- » Stanchions are C Channel, fully welded, ANSI 61 powder coated.
- » Configurations include 1T1R, 2T1R, 1T2S, 2T2S and 2T3S.
- » 2-3 Rails per step (based on weight of battery system).
- » Comes standard with galvanized rails with acid resistant covers. ANSI 61 powder coated rails available.
- » Made for most makes and models of batteries.
- » Cross braces for uniform spacing.
- » Easy Modular Assembly.
- » Manufactured In-House (USA), ISO 9001-2015.
- » Delivery is available in only 2-3 weeks in common configurations.



### Seismic Certifications:

- » UBC Zone 1, 2a, 2b, 3, 4 at ground level
- » IEEE 693 Moderate Compliant, IEEE 693 High Available
- » IBC 2012 certified
- » IBC SDS of 1.6 at ground level
- » IBC SDS of 1.0 at top of building

Certified through tri-axle shake testing to meet IBC for essential facilities, they are also certified by a Structural and Professional Engineer.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented integrated spill containment systems with neutralization and absorption.

### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)





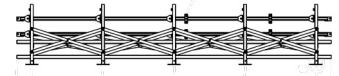
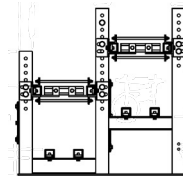
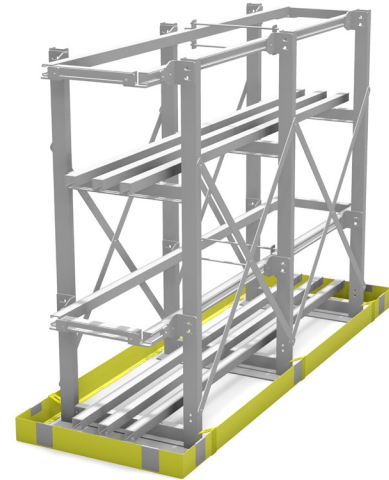
# IEEE High 693 Modular Seismic Rack

## AM1 Rack Series

EnviroGuard's AM1 Rack is our most adjustable design for Seismic applications. The AM1 rack supports lead acid and nickel cadmium batteries in various applications with adjustable side rail heights giving you the most flexibility and safety on the market.

### Product Features:

- » Heavy Duty Welded Construction.
- » Fabricated using certified welders.
- » Stanchions are C Channel, ANSI 61 powder coated.
- » Configurations include 2T1R, 1T2S, 2T2S and Custom.
- » 2-3 Rails per step (based on weight of battery system).
- » Comes standard with galvanized rails with acid resistant covers. ANSI 61 powder coated rails available.
- » Made for most makes and models of batteries.
- » Cross braces for uniform spacing.
- » Easy Modular and Adjustable Assembly.
- » Manufactured In-House (USA), ISO 9001-2015.
- » Delivery is available in only 2-3 weeks in common configurations.



### Seismic Certifications:

- » UBC Zone 1, 2a, 2b, 3, 4 at ground level
- » IEEE 693 High Compliant
- » IBC 2012 certified
- » IBC SDS of 1.6 at ground level
- » IBC SDS of 1.0 at top of building

Certification based on tri-axis shake testing to meet IBC for essential facilities, they are also certified by a Structural and Professional Engineer.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented integrated spill containment systems with neutralization and absorption.

### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)







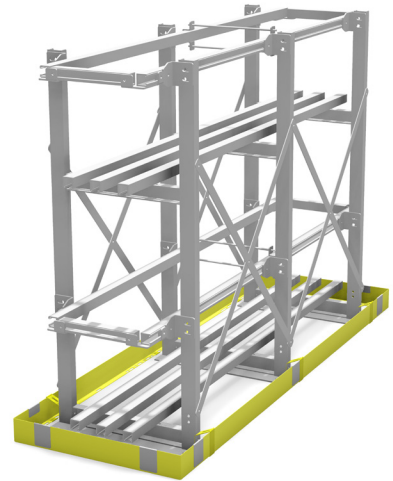
# IEEE High 693 Seismic Rack

## ARU Rack Series

EnviroGuard's ARU Rack is IEEE 693 High Certified for Seismic applications and accommodates most makes and models of batteries. The ARU rack supports lead acid and nickel cadmium batteries in utility applications.

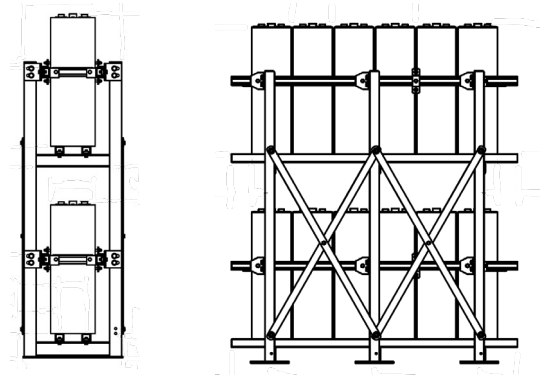
### Product Features:

- » Heavy Duty Welded Construction.
- » Fabricated using certified welders.
- » Stanchions are C Channel, ANSI 61 powder coated.
- » Configurations include 2T1R, 1T2S and Custom.
- » 2-3 Rails per step (based on weight of battery system).
- » Comes standard with galvanized rails with acid resistant covers. ANSI 61 powder coated rails available.
- » Made for most makes and models of batteries.
- » Cross braces for uniform spacing.
- » Easy Modular Assembly.
- » Manufactured In-House (USA), ISO 9001-2015.
- » Delivery is available in only 2-3 weeks in common configurations.
- » IEEE 693 High Compliant



Certified by a California Professional and Structural Engineer.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented integrated spill containment systems with neutralization and absorption.



### Other Product Considerations:

- |   |                                       |
|---|---------------------------------------|
| » Battery terminal covers   | » Hydrogen detection systems          |
| » Battery termination plate covers  | » Protective shields                  |
| » Spill containment and clean up kits for lead acid or nickel cadmium batteries | » Battery Room Sign Kits              |
| » Eyewash station   | » Personal Protection Equipment (PPE) |





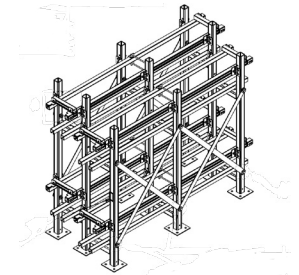
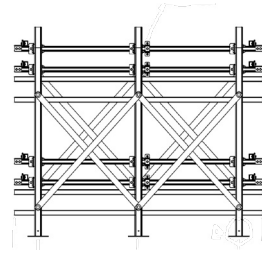
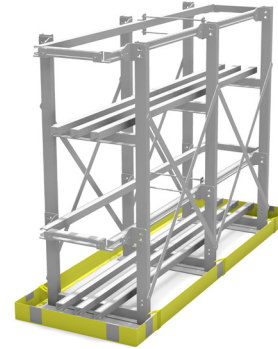
# IEEE High 693, IBC Seismic Rack

## AR2 Rack Series

EnviroGuard's AR2 Rack is IBC 2012, IEEE 693 High Certified for Seismic applications and accommodates most makes and models of batteries. The AR2 rack supports lead acid and nickel cadmium batteries in various applications, most often in utility, data center and petrochemical as well as high temperature environments.

### Product Features:

- » Heavy Duty Welded Construction.
- » Fabricated using certified welders.
- » Stanchions are tubular steel construction, ANSI 61 powder coated.
- » Configurations include 1T1R, 2T1R, 1T2S, 2T2S and Custom.
- » 2-3 Rails per step (based on weight of battery system).
- » Comes standard with galvanized rails with acid resistant covers. ANSI 61 powder coated rails available.
- » Made for most makes and models of batteries.
- » Cross braces for uniform spacing.
- » Easy Modular Assembly.
- » Manufactured In-House (USA), ISO 9001-2015.
- » Delivery is available in only 2-3 weeks in common configurations.



### Seismic Certifications:

- » UBC Zone 1, 2a, 2b, 3, 4 at top of building
- » IEEE 693 High Compliant
- » IBC 2012 certified
- » IBC SDS of 3.2 at ground level
- » IBC SDS of 2.0 at top of building

Certified through tri-axis shake testing to meet IBC for essential facilities, they are also certified by a Structural and Professional Engineer.

The racks are easy to assemble, designed to fit most manufacturers' battery models, and feature optional UL Listed patented integrated spill containment systems with neutralization and absorption.

### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)





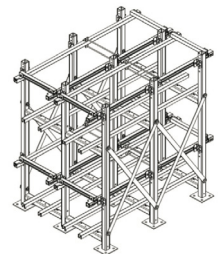
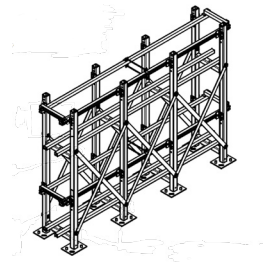
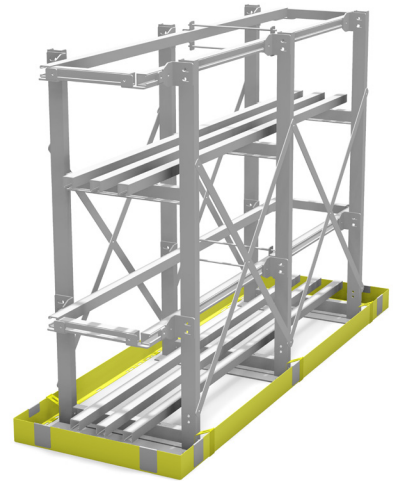
# NEBS Certified Seismic Rack

## ARN Rack Series

EnviroGuard's ARN Rack is our NEBS Level 3, Zone 4 Certified Seismic Rack. The ARN rack supports lead acid and nickel cadmium batteries in various telecommunications applications.

### Product Features:

- » Meets all applicable sections of Telcordia Technologies GR-63-CORE & GR-1089
- » Heavy Duty Welded Construction using certified welders.
- » Stanchions are tubular steel construction, ANSI 61 powder coated.
- » Configurations include 2T1R, 2T2R, 2T2S and Custom.
- » 2-5 Rails per tier (based on weight of battery system).
- » Comes standard with ANSI 61 powder coated rails.
- » Made for most makes and models of batteries.
- » Cross braces for uniform spacing.
- » Manufactured In-House (USA), ISO 9001-2015.
- » Delivery is available in only 2-3 weeks in common configurations.
- » Dual-Certified through tri-axle shake testing to meet NEBS and IBC for essential facilities, they are also certified by a Structural and Professional Engineer.



### Seismic Certifications:

- » NEBS Level 3, Zone 4 Certified
- » UBC Zone 1, 2a, 2b, 3, 4
- » IBC 2012 certified
- » IBC SDS of 1.6 at ground level
- » IBC SDS of 1.0 at top of building

### Integrated Containment:

- » Easier installation that saves installation costs
- » Eliminates drilling into the floor to install spill control barriers
- » Meets all NEBS Approved seismic requirements
- » Patented design for Aptus rack products

### Other Product Considerations:

- » Battery terminal covers
- » Battery termination plate covers
- » Spill containment and clean up kits for lead acid or nickel cadmium batteries
- » Eyewash station
- » Hydrogen detection systems
- » Protective shields
- » Battery Room Sign Kits
- » Personal Protection Equipment (PPE)







## EnviroGuard



### What can EnviroGuard do for you?

EnviroGuard is the leading worldwide authority on the installation and evaluation of battery facility code compliance products. We know the rules, we know the regulations, and we know how to put it all together. We not only manufacture the ultimate turnkey solutions that ensure safety and adherence to code requirements, but we can make sure they are customized to your application.

Codes and Regulations not only change, but vary by federal, state, and local Authorities Having Jurisdiction (AHJ). Keeping pace and maintaining compliance means not only avoiding fines from those AHJ's and OSHA, but it also mean keeping your employees and anyone who may come in contact with your battery room environment, safe. EnviroGuard offers the properly certified battery room equipment, the safety products, and the training through EnviroGuard University, to handle all your needs.

Here is just a partial list of the codes and regulations associated with battery room spill containment and safety equipment for compliance. Check with Federal, State, and Local Authorities Having Jurisdiction for complete compliance requirements.

#### CODES AND STANDARDS

INTERNATIONAL BUILDING CODE (IBC)  
NFPA 5000 BUILDING CONSTRUCTION AND SAFETY CODE  
IFC (INTERNATIONAL FIRE CODE)  
2000 SECTION 608, 2003 SECTION 608 (FLOODED), 2006 & 2009 SECTION 608  
NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)  
CH. 52 ENERGY STORAGE SYSTEMS, CH. 64 CORROSIVE SOLIDS AND LIQUIDS  
UBC (UNIFORM BUILDING CODE)  
SECTION 304.8  
NFC (NATIONAL FIRE CODE)  
SECTION F-2315, F-2802

#### NFPA 70E ELECTRICAL SAFETY IN THE WORKPLACE

OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION)  
OSHA 29 CFR 1926.441, 29 CFR 1910.268, 29 CFR 1910.151  
ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE)  
IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS)  
STANDARD 1187-1996, 484-1996  
ASTM (AMERICAN SOCIETY OF TESTING AND MATERIALS)  
EPA (ENVIRONMENTAL PROTECTION AGENCY)  
TITLE 40 CODE OF FEDERAL REGULATIONS - 40 CFR 264.175

#### AUTHORITIES HAVING JURISDICTION (AHJ):

CODE ENFORCEMENT INSPECTOR (FD), BUILDING INSPECTOR, HAZMAT INSPECTOR, INSURANCE CARRIER INSPECTORS, LOSS PREVENTION, FACILITY OWNERS & MANAGERS, REAL ESTATE PROFESSIONALS, ENVIRONMENTAL COMPLIANCE MANAGER, CORPORATE HEALTH & SAFETY, SITE SECURITY & HUMAN RESOURCES, ENVIRONMENTAL HEALTH & SAFETY, OUTSIDE ENVIRONMENTAL OR SAFETY AUDITOR, ENVIRONMENTAL PROTECTION AGENCY, STATE TOXIC SUBSTANCE CONTROL DIVISION, COUNTY ENVIRONMENTAL HEALTH & SAFETY, STATE WATER QUALITY INSPECTORS, STATE FISH AND GAME, BUREAU OF LAND MANAGEMENT, COUNTY WASTE AND WATER TREATMENT PLANT, SITE SAFETY MANAGER



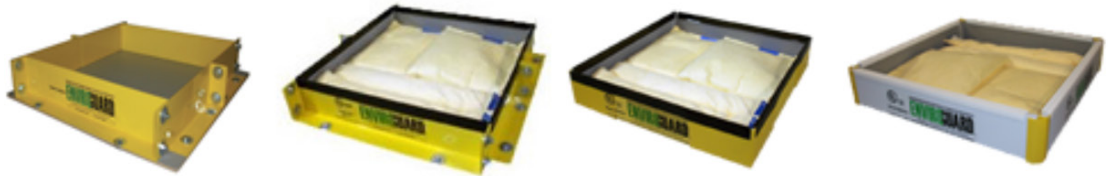


## Spill Containment & Passive Neutralization

EnviroGuard designs, manufactures and sells the only patented, UL listed spill containment system on the market.

Federal and state fire regulations and countless other laws require spill containment for stationary lead acid battery systems typically used as standby sources of power for those industries where a continuous flow of electrical power is required. The EnviroGuard system uses durable designs built from quality materials and a proprietary non-gassing pillow system to quickly absorb and neutralize electrolyte in a manner that allows proper disposal.

Protect the environment and personnel from the hazards of damaged or leaking batteries with EnviroGuard spill containment systems. EnviroGuard spill containment, safety products and services ensure compliance within standby power battery applications for telecommunications, uninterruptible power systems, renewable power, utility switchgear and control, motive power, railroad, and more.



	Condor	Condor Plus	Eagle	Hawk
<b>Battery Support</b>	Flooded, VRLA, NICAD	Flooded, VRLA, NICAD	Flooded, VRLA, NICAD	Flooded, VRLA, NICAD
<b>Containment System</b>	Floor Epoxy	UL Rated Liner	UL Rated Liner	UL Rated Liner
<b>Integrated Rack Mounting</b>			Optional	
<b>Removable Walls for Easy Access to Cabinets &amp; Enclosures</b>				Yes
<b>VRLA Recommended</b>				Yes



	Acid Resistant Trays (ART)	Polymer Pans (PPAN)	Stainless Steel Pans (SPAN)
<b>Spill Protections</b>	Flooded, VRLA, NICAD	Flooded, VRLA, NICAD	Flooded, VRLA, NICAD
<b>Dimension Range</b>	12" to 48"	12" to 192"	12" to 192"
<b>Wall Heights</b>	1"	1", 2", 3", 4", 5", 6"	1", 2", 3", 4", 5", 6"
<b>Material</b>	1/4" Polymer	1/4" Polymer, 3/8" Polymer, 1/2" Polymer	16 Gauge 304 Stainless Steel, 16 Gauge 316 Stainless Steel
<b>Wall Drain Plug</b>	Not Available	Optional, 4+ " Wall Heights	Optional, 4+ " Wall Heights
<b>Suggested for Cabinets</b>	Yes		





## Integrated Containment

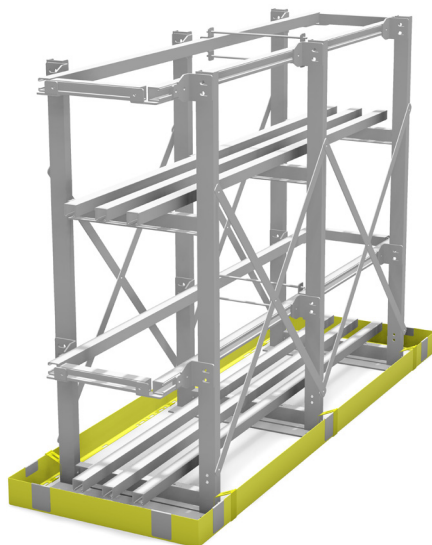
EnviroGuard delivers decades of experience in design and manufacturing, including developing products for the standby power and battery industry. We are committed to providing high quality US manufactured products. All Aptus racks are proven through independent testing and certification groups while providing unparalleled quality control and customer service.

### The EnviroGuard Difference

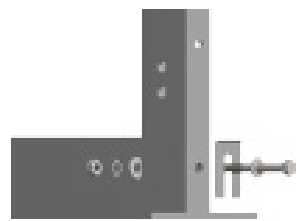
EnviroGuard is the leading manufacturer with IBC, UBC, NEBS certified and IEEE compliant racks. All seismic rack components are fabricated using certified welders. Aptus racks offer a patented Integrated (bolt-on) UL Approved integrated spill containment system that eliminates the need to anchor or glue the floor when installing the containment barrier walls.

### The EnviroGuard Advantage

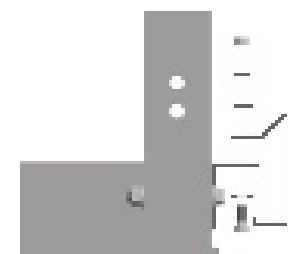
- ✓ Easier installation that saves installation costs
- ✓ Eliminates drilling into the floor to install spill control barriers
- ✓ Shake tested to meet all NEBS Approved seismic requirements
- ✓ Patented design for Aptus rack products



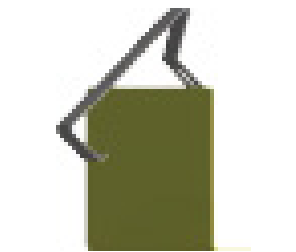
Patent #8,667,979 B1



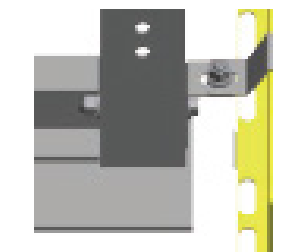
Step 1



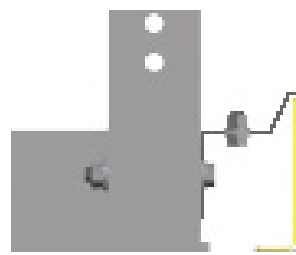
Step 2



Step 3



Step 4



Step 5







# Deluxe Series Battery Terminal Covers

## Why you need Battery Terminal Covers:

- » Keep personnel at a safe distance from accidental contact with energized components in the battery room.
- » Be in compliance with NFPA 70E and OSHA 29 CFR.
- » Battery systems over 50 volts require covers.
- » Safety during maintenance from falling tools or other equipment.
- » Protection from unseen energized overhead busswork.
- » Provide extra protection from visitors or entry from visitors or untrained persons.
- » Satisfy your safety policy and show corporate responsibility for employee safety.



### Clear, Monitor Ready Battery Terminal Covers

Battery Systems with monitors require battery terminal covers with notches for wire management. Standard covers have the potential to stress connections which will lead to false readings.

Available in custom sizes and configurations.  
Note: Size verification using a product sample and customer verification is required prior to order acceptance.

### General Specifications:

- » Produced in 4' length polypropylene which are standard with top holes every 12 inches to allow for taking top readings to validate the monitoring measurements.
- » The covers are square to accommodate fast-on tabs that prevent stress points in connected wires and notches at the bottom to accommodate wire clearance
- » Available in gray.
- » Flammability Ratings: Standard 0.060 and Deluxe 0.111 thickness meets the UL94HB standard.

### Standard sizes:

- » Part Number BTC-1-4-D-N
  - » Inside Width 2.81"
  - » Inside Height 2.21"
  - » Outside Width 3.05"
  - » Outside Height 2.30"
- » Part Number BTC-4-4-D-N
  - » Inside Width 3.00"
  - » Inside Height 3.91"
  - » Outside Width 3.24"
  - » Outside Height 4.00"
- » Part Number BTC-5-4-D-N
  - » Inside Width 4.01"
  - » Inside Height 4.00"
  - » Outside Width 4.25"
  - » Outside Height 4.09"

### Regulation Summary:

- » OSHA Regulation 29 CFR 1910.308 (a)(7)(IV) Special System, Electrical
- » OSHA Regulation 29 CFR 1910.333(a) Safety-related work practices
- » OSHA Regulation 29 CFR 910.333(c)(5) Confined or enclosed work spaces
- » OSHA Regulation 29 CFR 1910.335 Safeguards for personnel protection
- » NFPA 70E Article 130 - 130.6(F) Confined or Enclosed Work Spaces



## Put Safety First

The Battery Room is a hazardous place. We're here to help you keep the environment safe, but more importantly, your employees safe. Safety products are an essential component, and in many cases a required element (by Authorities Having Jurisdiction) of the Battery Room. We have a full range of products tailored specifically to the Battery Industry.

- » Battery Cleaning Kits
- » Eyewash Stations
- » Battery Terminal Covers
- » Battery Watering Carts
- » Safety Signs
- » Spill Clean-Up Kits
- » Compliance Kits
- » Respirators
- » Insulated Battery Blankets
- » High Voltage Aisle Mats
- » Neutralizing & Absorption Pillows
- » Acid Resistant Sealant
- » Face Shields
- » Facility protecting drain seals
- » Insulated Tools
- » Safety Glasses
- » Testing Services
- » Recycling Services
- » Site Assessment Services



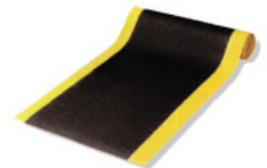
EYEWASH PureFlow 1000



Spill Clean-up Kits

## The EnviroGuard Difference

- ✓ Easy to purchase through our online shopping cart at [shop.enviroguard.com](http://shop.enviroguard.com).
- ✓ Easy to purchase right along with your Spill Containment and Rack products through our Distributors.
- ✓ Easy to purchase by calling or chatting with us and we'll help you pick the safety products you need.



Aisle Mats



Dual Certified Pillows

Personal Protection Equipment

Deluxe Safety Signs

Mobile Clean-up Kits



## What Can EnviroGuard Do For You

Click on any item for more information

### Spill Containment for Stationary Batteries VLA, VRLA, NiCad and Motive Power



Eagle System



Condor System



Hawk System



Mini-Hawk System



Dual Certified Pillows



ART



SSPAN



PPAN



NiCad Pillow



Dual Certified SOC

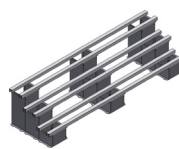
### Rack Solutions for Every Battery in the Industry



VRLA



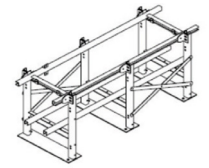
VRLA Front Access/Front  
Terminal



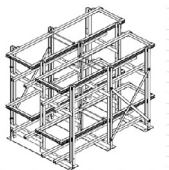
NiCad Step Racks (ER0)



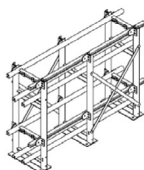
Non-Seismic Racks (AR0)



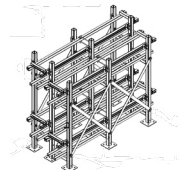
IEEE 693 Moderate (AR1)



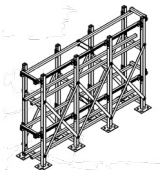
IEEE 693 High Adjustable  
Racks (AM1)



IEEE 693 High Racks (ARU)



UBC, IBC, IEEE 693 High  
Racks (AR2)

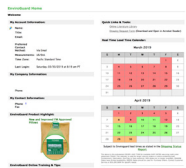


NEBS Certified Racks (ARN)

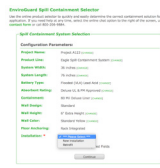


Integrated Spill Containment  
(clips to the rack)

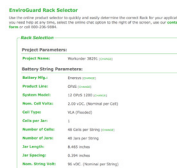
### Online Tools



Extranet Quoting System



Spill Containment and Pan &  
Tray Configurators



Rack Configurator



Video Product and  
Training Library



EnviroGuard App

For the full line of EnviroGuard products and services, visit us online at [www.enviroguard.com](http://www.enviroguard.com)  
Have questions? [Chat](#) with us today. Need a quote? Call 1.800.206.9884





## What Can EnviroGuard Do For You

### Facility Compliance



Deluxe Sign Package



Standard Sign Package



FDNY Sign Package



Individual Signs



Individual Signs

### Eye Wash Stations



Personal Eye Wash



6 Gallon Eyewash



16 Gallon Eyewash



PureFlow 1000



Shower & Eyewash Station

### Hydrogen Monitors



Standard Hydrogen Gas Monitor



Deluxe 2 Channel Hydrogen Gas Monitor



Deluxe 4 Channel Hydrogen Gas Monitor



Deluxe 8 Channel Hydrogen Gas Monitor



Calibration kit

### Spill Clean-Up Kits and Battery Accessories



Battery Cleaning Kit



Mobile Spill Clean-Up



5 - 55 Gallon Spill Clean-Up



Wall Mount Response Kit



Battery Terminal Covers

### Services



Training



Site Assessment



Fabrication



Pillow Replacement Services



Subject Matter Experts

# ENVIROGUARD<sup>®</sup>

## University

Go to [www.enviroguarduniversity.com](http://www.enviroguarduniversity.com) for all your battery room, safety, compliance and installer training.



(800) 206-9884 | [enviroguard.com](http://enviroguard.com)



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