

# FLOODED BATTERY RACKS

## VLA and OPz Battery Rack Features:

ESS is proud to offer one of the most comprehensive line of American Flooded and OPz Battery Racks in the market. We offer a wide variety of seismically certified and non-seismic rack configurations that are designed to meet the customer's space and power requirements. Our Flooded Cell Battery Racks are designed to house ALL Major Brands and Models of flooded cell batteries including OPz batteries. In addition, ESS has simplified the selection of our racks by providing an Automated Rack Selector to the customer. The customer is asked a few prompts and the Rack Selector will suggest the rack model designed for the specific requirements that have been entered.



- Racks are designed individually to house ALL Major Manufacturers of flooded and OPz Battery Models.
- Seismic certified racks are certified to IBC (2006) referencing ASCE 7 Cabinets meet default Seismic Design Category D ( $S_s=2.25$ ) with an Importance Factor of 1.5 and analyzed to an acceleration of .68g
- Standard configurations include 1-Tier, 2-Tier, 3-Tier, 2-Step, 2-Step/2-Tier, 2-Row and 2-Row/2-Tier up to 20 Feet in length
- Customer lengths are available upon requests
- Battery rails are covered with flame retardant HDPE covers.
- Rack design makes installation fast and simple
- Racks are powder coated with acid resistant ray powder coat
- Frames are fabricated out of heavy gauge welded steel.
- Grounding provisions are provided in every frame.

## Options:

- Complete high flex cable kits from 8 awg to 777 DLO
- DC breakers and fuses from 30 amps to 2,000 amps
- Disconnect enclosures for breakers and fuses
- Spill Containment Systems specifically designed for each rack.
- Flame resistant covers for terminals.