

What is the minimum clearance between Seismic racks?

5.3 Minimum clearance between seismic racks and any objects (including walls, equipment and other racks) is to be 4 in. (100 mm). **NO SEISMIC RACKS ARE TO BE BUTTED TOGETHER END-TO-END OR BACK-TO-BACK.** 5.4 Batteries should be installed in a clean, cool and dry environment where there is minimal temperature variation.

What are the components of a seismic rack?

The basic components consist of: frames, cross braces, support rails, hardware, double-sided tape and plastic channels. Seismic racks also include: side rails, end rails, corner brackets, foam spacers, rail spacers, shims and cell clamp assemblies. The styles of standard racks supplied by EnerSys are shown in Figure 1.1. **2. SAFETY PRECAUTIONS**

What is the difference between standard rack assembly and seismic rack assembly?

Torque all bolts according to Table 1. **NOTE:** Figure 9.2.1 shows step 1 for standard rack assembly whereas Figure 9.2.2 shows Step 1 for seismic rack assembly. Standard racks are supplied with whiz bolts, while seismic racks are supplied with hex bolts, lock washers, flat washers and star washers.

Can EnerSys mount a seismic rack on a floor/mounting platform?

**NO SEISMIC RACKS ARE TO BE BUTTED TOGETHER, END-TO-END OR BACK-TO-BACK.** Inter-rack cable connectors provided by EnerSys are based on a rack spacing of 4 in. (100 mm); any length over this is the responsibility of the installer. The floor/mounting platform must be reasonably level.

Do Seismic racks have cross braces?

Seismic racks will have cross braces on the front and back of the rack and some rack styles will also have middle cross braces. **DO NOT** remove front and back cross braces at the same time while installing cells or after cells are installed. Only remove the front set to install cells and reinstall as soon as cells are in place on the rack.

Where can I find information on seismically compliant equipment?

For additional information on seismically compliant equipment, in the State of California statewide office of housing and development (OSHDP) special seismic certification (SSC) program guidelines, refer to Seismic Applications Guide (579-1213).

Powerwall 3 Technical Specifications System Technical Specifications Model Number 1707000-xx-y  
Nominal Grid Voltage (Input & Output) 120/240 VAC Grid Type Split phase Frequency 60 Hz Nominal  
Battery Energy 13.5 kWh AC 1 Nominal Output Power (AC) 5.8 kW 7.6 kW 10 kW 11.5 kW Maximum  
Apparent Power 5,800 VA 7,600 VA 10,000 VA 11,500 VA

Seismic Support Vessel Hybrid propulsion 50 Metric ton bollard pull SEISMIC SUPPORT VESSEL Updated: 17-09-2014 REGISTRATION BOURBON SSV, has been designed by Offshore Ship Designers. This hybrid propulsion vessel operates as a support vessel for a seismic mother ship and can be runned following three propulsion modes.

Secured Battery Mounting. For geographic regions where earthquake activity is a building design criteria, these battery brackets will hold the system batteries securely in place. Laboratory Tested. Independent laboratory testing was performed to ensure these battery brackets meet the requirements of ASCE 7 (categories A through F) per the ...

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as a broad brush approach for determining the seismic requirements for structures. Battery racks could be certified by analysis, only having the requirement that they be signed and s

Microtex HDP Battery undergoing seismic testing. The batteries are discharged to specifications under seismic simulations with movement in x y & z-axis.

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Install cells on support rails, 2 tier racks should have the cells placed on the bottom tier first. The battery covers should be spaced approx. 0.38 in. (9.5 mm) apart to insure proper spacing for ...

Seismic Racks EnviroGuard's Rack Series seismic flooded battery racks conform to UBC standards and are certified to meet IBC 2012 standards for essential facility applications. We now ...

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