

SEISMIC POWER PROTECTION.

Introducing Active Power's Seismic Certified CleanSource® PLUS

Active Power is proud to announce that our CleanSource® PLUS (CS+) Single Module (SMS) and Multi-Module (MMS) systems have achieved OSHPD/HCAI OSP pre-approval. This certification ensures that these Uninterruptible Power Supply (UPS) systems are designed to withstand seismic events, maintaining both structural integrity and functionality in critical situations.

KEY FEATURES:

SEISMIC RESILIENCE

Certified to endure earthquake-induced accelerations up to an SDS of 2.5, ensuring that our systems can return to normal service immediately after a seismic event.

RIGOROUS TESTING

Our systems underwent comprehensive shake table testing, demonstrating consistent performance before and after simulated seismic events.

COMPLIANCE ASSURANCE

Meets the most stringent requirements set by the California Building Code (CBC) and ASCE standards for non-structural components in seismically active regions.

Did you know that earthquakes have occurred in all 50 U.S. states, with approximately 10 moderate events happening each year? The U.S. Geological Survey (USGS) continuously updates its seismic ground acceleration maps, revealing that large portions of the continental U.S. require manufacturers to implement protective measures against seismic damage.

RATING COMPONENTS FOR SEISMIC FORCE

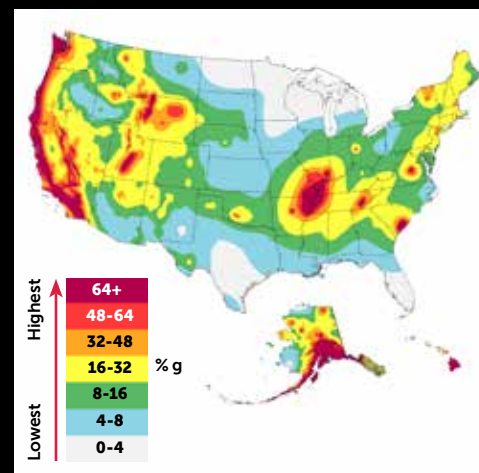


Figure 1 United States Geological Survey Hazard Map

WHY CHOOSE **ACTIVE POWER'S** SEISMIC CERTIFIED UPS?

In earthquake-prone areas, it's imperative for critical infrastructure – such as healthcare facilities, data centers, and emergency services – to remain functional after seismic events. Our seismic-certified UPS systems provide:

ENHANCED SAFETY

Protects essential equipment and ensures the safety of personnel by maintaining power stability.

REGULATORY COMPLIANCE

Aligns with local codes requiring independent third-party certification for seismic resilience.

OPERATIONAL CONTINUITY

Minimizes downtime, ensuring that vital operations can be quickly restarted after a seismic emergency.

Investing in Active Power's seismic-certified CS+ SMS and MMS systems means choosing reliability and peace of mind in the face of natural disasters.

For more information or to discuss how our seismic-certified solutions can meet your specific needs, please contact Active Power Sales at seismic@activepower.com

Note: The OSHPD Special Seismic Certification Preapproval (OSP) is a voluntary program for equipment manufacturers, ensuring that non-structural components can withstand seismic events and remain operational, as outlined by the California Building Code (CBC) and ASCE standards.

Table 1 ranks earthquake demand levels by state, from highest to lowest. SDS (Spectral Response Acceleration at Short Period) is a key metric used to assess seismic compliance for equipment. An **SDS** value exceeding 2.5 typically ensures compliance with the latest non-structural equipment standards nationwide. If the **SDS** is above 1.8, the equipment meets compliance requirements for most areas—except for six states, as indicated.

SEISMIC DEMAND – SPECTRAL RESPONSE ACCELERATION

State	Maximum SDS	State	Maximum SDS
California	2.49	Vermont	0.30
Tennessee	2.04	N Carolina	0.28
Missouri	2.01	Georgia	0.27
Kentucky	1.94	Alabama	0.27
Alaska	1.91	Virginia	0.22
Arkansas	1.88	N Hampshire	0.20
Hawaii	1.78	New Jersey	0.19
Nevada	1.73	Massachusetts	0.18
Illinois	1.73	W Virginia	0.18
Wyoming	1.61	Connecticut	0.18
Oregon	1.59	Ohio	0.15
S Carolina	1.27	Pennsylvania	0.15
Utah	1.15	Louisiana	0.14
Montana	1.14	Delaware	0.13
Idaho	1.14	Maryland	0.13
Washington	1.11	Rhode Island	0.12
Arizona	0.65	N Dakota	0.11
Mississippi	0.64	Nebraska	0.11
Indiana	0.48	S Dakota	0.11
New Mexico	0.42	Kansas	0.11
Texas	0.42	Florida	0.09
New York	0.37	Iowa	0.08
Oklahoma	0.33	Dist. of Columbia	0.08
Maine	0.32	Michigan	0.08
Colorado	0.32	Wisconsin	0.07
		Minnesota	0.06

Table 1



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