



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0426

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Active Power Inc

Manufacturer's Technical Representative: Barry Marks

Mailing Address: 2128 W Braker, BK12, Austin, TX 78758

Telephone: (512) 744-9227

Email: bmarks@activepower.com

Product Information

Product Name: CleanSource 750HD UPS

Product Model Number(s): CSHD750 (Active Power Part Number 8820654)

Product Category: UPS and Batteries

Product Sub-Category: Flywheel Energy Storage Systems

General Description: 750 kVA 3-wire, single input flywheel UPS.

Mounting Description: Rigid Base mount.

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: EASE

Contact Person: Jonathan Roberson

Mailing Address: 5877 Pine Ave, Suite 210, Chino Hills, CA 91709

Telephone: (909) 606-7622

Email: jon@easeco.com

Title: SE



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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: EASE LLC

Name: Jonathan Roberson

California License Number: S4197

Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709

Telephone: (951) 295-1892

Email: jon@EASECo.com

Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

Telephone: (972) 247-9657

Email: Jeremy@etldallas.com

BY: Mohammad Karim

DATE: 09/18/2025



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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.44 @ SDS = 2.00 / 1.17 @ SDS = 2.60

SDS (Design spectral response acceleration at short period, g) = 2.00 (z/h = 1); 2.60 (z/h = 0)

a_p (Amplification factor) = 1

R_p (Response modification factor) = 2.5

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 0 and 1

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = 132" W x 39" D x 80" H / 11,785 lb.

HCAI Approval (For Office Use Only) - Approval Expires on 09/18/2031

Date: 9/18/2025

Name: Mohammad Karim

Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = 2.0

z/h = 1


Condition of Approval (if applicable):

BY: Mohammad Karim

DATE: 09/18/2025

ATTACHMENT 1: TEST SPECIMEN SUMMARY

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UUT-1				CleanSource 750HD 3W (3-wire)			Report No.: SQ10-1307-01		
Manufacturer:				Active Power					
Identification:				Model No.: CSHD750 Serial No.: AP01464					
Description:				Uninterruptible Power Supply (UPS) 750 kVA UPS 3-wire, single input w/o EXRC Cabinet.					
Mounting:				Rigid Base (Floor) mounted using (20) – 5/8" dia GR 8 bolts					
Dimensions (in.)				Weight (lb.)			Lowest Resonant Frequency (Hz.)		
Width	Depth	Height	Side-Axis				Front-Axis	Vert-Axis	
132	39	80	11,785	5.8	6.6	15.7			
ICC-ES AC156 Shake Table Test Parameters							Code: 2022 CBC		
S _{DS} (G)	z/h	I _p	AFLX-H (G)	ARIG-H (G)	AFLX-V (G)	ARIG-V (G)			
2.0	1	1.5	3.20	2.40	1.74	0.70			
2.6	0	1.5							
Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test.									