



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-0860

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Eaton Corporation

Manufacturer's Technical Representative: Sudhanshu Bajpai

Mailing Address: 3301 Spring Forest Road, Raleigh, NC 27616

Telephone: (984) 274-4467

Email: SudhanshuBajpai@Eaton.com

Product Information

Product Name: LG JP5 Lithium-Ion Battery Cabinet

Product Model Number(s): Varies. See Attachment

Product Category: UPS and Batteries

Product Sub-Category: Batteries

General Description: Lithium-Ion Battery Cabinet with or without BBMS or side panels

Mounting Description: Base Mounted Rigid

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: Pre Compliance

Contact Person: Galen Reid

Mailing Address: 324 NW Hill St., Bend, OR 97703

Telephone: (541) 241-2310

Email: galen@go-pre.com

Title: Principal & Program Manager



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

Company Name: PRE COMPLIANCE

Name: Andrew Coughlin

California License Number: S6082

Mailing Address: 324 NW Hill St, Bend, OR 97703

Telephone: (415) 635-8461

Email: Andy@go-pre.com

Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: UNIVERSITY OF BUFFALO (SEESL)

Contact Person: Yushan Fu

Mailing Address: 212 Ketter Hall, Buffalo NY 14260

Telephone: (716) 645-4377

Email: yushanfu@buffalo.edu

BY: Mohammad Karim

DATE: 07/31/2026



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Seismic Parameters

Certified Response Spectral Acceleration Factors:(F_p/W_p)

Horizontal (A Flx-H), g= 1.52 (A Rig-H), g= 0.61

Vertical (A Flx-V), g= 1.02 (A Rig-V), g= 0.41

SDS (Design spectral response acceleration at short period, g) = 1.52

H_f (Force amplification height factor) = 1

R_u (Structure ductility reduction factor) = 1

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 0

HCAI Approval (For Office Use Only) - Approval Expires on 08/02/2032

Date: 7/31/2026

Name: Mohammad Karim

Title: Supervisor, Health Facilities

Condition of Approval (if applicable): _____

OSP-0860

BY: Mohammad Karim

DATE: 07/31/2026





SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

CBC 2025

Mounting Configuration: Base Mounted - Rigid

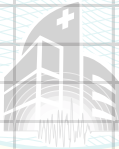
With or without BBMS or side panels

Model	Max. Dimensions (in)			Wt. (lb)	
	D	W	H		
RTE108HI201	21	26	96	1755	w/
RTE108HI202	21	26	96	1704	w/out

OSP-0860

BY: Mohammad Karim

DATE: 07/31/2026





PRE COMPLIANCE

Pre No. 261961-01-R0

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENTS

Manufacturer: LG
Product Type: Batteries
Model Line: LG JP5 Lithium-Ion Battery Cabinet

Seismic Parameters

Building Codes

S_{DS} = 1.52g for z/h=0, R_μ=1.0, H_f=1.0 I_p=1.5

CBC 2025

TABLE 2

Table Description: Electrical Subcomponents

[illegible]



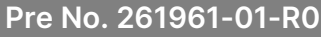
COMPLIANCE

SPECIAL SEISMIC CERTIFICATION TESTING SUMMARY

Pre No. 261961-01-R0

[illegible]

Notes:



UUT 1

Test Report# TR241632-01-R0

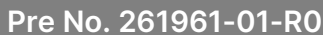
Highest Passed Test Level								
S_{DS} (g)	z/h	R_{μ}	H_f	I_p	A_{flx-h} (g)	A_{rig-h} (g)	A_{flx-v} (g)	A_{rig-v} (g)
1.63	0.0	1.0	1.0	1.5	1.63	0.65	1.09	0.44

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
3.4	7.6	10.9

UUT Mounting Details:

[illegible]

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.



UUT 2

Test Report# TR241632-01-R0

Manufacturer: LG
Model Line: LG JP5 Lithium-Ion Battery Cabinet
Model Number: ERTE108HI202
Serial Number: ERTE108HI202RFA2501081001_01

Highest Passed Test Level

S_{DS} (g)	z/h	R_μ	H_f	I_p	A_{flx-h} (g)	A_{rig-h} (g)	A_{flx-v} (g)	A_{rig-v} (g)
1.52	0.0	1.0	1.0	1.5	1.52	0.6	1.01	0.41

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
21	26	96	1704

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
3.0	3.3	26.9

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156 (2024)

Construction/Option Summary

LG JP5 w/out BBMS and no side panels
Carbon steel enclosure

UUT Mounting Details:



List of Included Subcomponents

[illegible]

UUT was rigid base mounted using (4) 5/8" Grade 8 bolts and washers.

Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.