



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-0155

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Eaton Corporation

Manufacturer's Technical Representative: Sami Hussaini

Mailing Address: 8609 Six Forks Road, Raleigh, NC 27615

Telephone: (984) 920-9458 Email: SamiHussaini@eaton.com

Product Information

Product Name: See Attachment

Product Model Number(s): Varies. See Attachment

Product Category: UPS and Batteries

Product Sub-Category: UPS

General Description: Uninterruptible power supplies and accessories per UL 1778 and qualified for use in Emergency systems per UL 924.

Mounting Description: Several - See Certified Product Tables and UUT Sheet

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

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Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: NATIONAL TECHNICAL SYSTEMS (NTS)

Contact Person: Greg Mason

Mailing Address: 7800 Highway 20 West, Huntsville AL 35806

Telephone: (256) 837-4411

Email: Greg.mason@nts.com

Company Name: UL LLC

Contact Person: Scott Hunter

Mailing Address: 12 Laboratory Drive, Research Triangle NC 27709-3995

Telephone: (919) 549-1400

Email: scott.d.hunter@ul.com



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Seismic Parameters

Certified Response Spectral Acceleration Factors: (F_p/W_p)

Horizontal (A Flx-H), $g =$ 3.20 (A Rig-H), $g =$ 2.15

Vertical (A Flx-V), $g =$ 1.72 (A Rig-V), $g =$ 0.69

S_{DS} (Design spectral response acceleration at short period, g) = 2.0 ($z/h = 1.0$); 2.58 ($z/h = 0.0$)

H_f (Force amplification height factor) = 1 @ $z/h = 0$; 3.5 @ $z/h = 1$

R_u (Structure ductility reduction factor) = 1 @ $z/h = 0$; 1.3 @ $z/h = 1$

I_p (Importance factor) = 1.5

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

HCAI Approval (For Office Use Only) - Approval Expires on 11/13/2031

Date: 11/13/2025

Name: Mohammad Karim

Title: Supervisor, Health Facilities

Condition of Approval (if applicable): _____

OSP-0155

BY: Mohammad Karim

DATE: 11/13/2025

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX/9SX/5SC

Seismic Parameters

$S_{DS} = 2.00g$ for $z/h = 1$ $R_p=1.3$, $H_f=3.5$
 $S_{DS} = 2.58g$ for $z/h = 0$ $R_p=1.0$, $H_f=1.0$ $I_p=1.5$

Building Code
CBC 2025

TABLE 1a

Mounting Configuration¹: Base Mounted - Rigid using Eaton
Seismic Floor Mount # P-103001016

Construction Summary

Carbon steel frame and case with plastic faceplate

Options Summary

Base mounted only

Model Line	Model	Max. Dimensions (in)			Wt. (lb)	Notes	UUT
		D	W	H			
9PX (208/230/240V)	9PX3000RTN	23.8	3.4	17.3	64		Interp.
	9PX3000GLRT	23.8	3.4	17.3	64	UUT27: Standalone	26,27
	9PX5K	28.4	5.1	17.3	105		Interp.
	9PX6K	28.4	5.1	17.3	105		Interp.
	9PX8K	32.0	10.2	17.3	193		4
	9PX11K	32.0	10.2	17.3	193	Identical to 9PX8K	Interp.
9PX G2 VRLA (200/208/220/ 230/240V)	9PX3K3UG2	27.0	5.1	17.3	98.3		Interp.
	9PX5KG2	27.0	5.1	17.3	98.3		Interp.
	9PX5KIRTNG2	27.0	5.1	17.3	98.3		Interp.
	9SX5KIRT3UG2	27.0	5.1	17.3	98.3		Interp.
	9PX6KG2	27.0	5.1	17.3	98.3		Interp.
	9PX6KIRTNG2	27.0	5.1	17.3	98.3		Interp.
	9PX6KIECG2	27.0	5.1	17.3	98.3		33
	9SX6KIRT3UG2	27.0	5.1	17.3	98.3		Interp.
	9PX8KG2	28.6	6.8	17.3	173.7		Interp.
	9SX8KIG2	28.6	6.8	17.3	173.7		Interp.
	9PX8KIRTNG2	28.6	6.8	17.3	173.7		Interp.
	9PX11KIRTNG2	28.6	6.8	17.3	173.7		Interp.
	9SX11KIG2	28.6	6.8	17.3	173.7		Interp.
	9PX11KG2	28.6	6.8	17.3	173.7		32
9PX (Extended Battery Modules)	9PXEBM36RT	17.7	3.4	17.3	48		Interp.
	9PXEBM48RT	17.7	3.4	17.3	59		Interp.
	9PXEBM72RT	23.8	3.4	17.3	89		26
	9PXEBM180RT	25.4	5.1	17.3	146		Interp.
	9PXEBM180RTG2	25	5.1	17.3	145		38
	9PXEBM180RT3UG2	25	5.1	17.3	145		Interp.
	9SXEBM180RT3UG2	25	5.1	17.3	145		Interp.
	9PXEBM240RTG2	26.4	5.1	17.3	137		39
	9PXEBM240RT3UG2	26.4	5.1	17.3	137		Interp.
	9SXEBM240RT3UG2	26.4	5.1	17.3	137		Interp.

¹Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.



Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX/9SX/5SC

$S_{DS} = 2.00g$ for $z/h = 1$ $R_\mu=1.3, H_f=3.5$
 $S_{DS} = 2.58g$ for $z/h = 0$ $R_u=1.0, H_f=1.0$ $I_p=1.5$

**Building
Code**
CBC 2025

Mounting Configuration¹: Base Mounted - Rigid using Eaton
Seismic Floor Mount # P-103001016

Carbon steel frame and case with plastic faceplate

Base mounted only

¹Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX

Seismic Parameters

$S_{DS} = 2.00g$ for $z/h = 1$ $R_p=1.3$, $H_f=3.5$
 $S_{DS} = 2.58g$ for $z/h = 0$ $R_p=1.0$, $H_f=1.0$ $I_p=1.5$

Building Code
CBC 2025

TABLE 1b

Mounting Configuration: Base Mounted - Rigid in 4-Post Rack

Construction Summary

4-post rack: Carbon steel.
9PX: Carbon steel frame and case with plastic faceplate.

Options Summary

Installed in Tripp Lite Model SR42UBZ4 4-Post rack. The installed mounting must match the tested configuration in terms of design, strength, and stiffness.

Model Line	Model	Max. Dimensions (in)			Wt. (lb)	Notes	UUT
		D	W	H			
9PX (120/208V)	9PX1500GRT-L	17.7	17.3	3.4	35		1b
	9PX1500RT-L	17.7	17.3	3.4	36		Interp.
	9PX1500RTN-L	17.7	17.3	3.4	37		Interp.
	9PX2000RT-L	23.8	17.3	3.4	51		Interp.
	9PX2000RTN-L	23.8	17.3	3.4	52		Interp.
	9PX2000RT (VRLA)	23.8	17.3	3.4	54		1f
	9PX2200GRT-L	23.8	17.3	3.4	49		Interp.
	9PX3000GRT-L	23.8	17.3	3.4	50		Interp.
	9PX3000RT-L	23.8	17.3	3.4	53		Interp.
	9PX3000RT (VRLA)	23.8	17.3	3.4	54		1g
	9PX3000RTN-L	23.8	17.3	3.4	54		1a
	9PX6K-L	28.4	17.3	5.7	81		1d
9PX G2 VRLA (200/208/220/ 230/240V)	9PX3K3UG2	27.0	17.3	5.1	98.3		Interp.
	9PX5KG2	27.0	17.3	5.1	98.3		Interp.
	9PX5KIRTNG2	27.0	17.3	5.1	98.3		Interp.
	9SX5KIRT3UG2	27.0	17.3	5.1	98.3		Interp.
	9PX6KG2	27.0	17.3	5.1	98.3		Interp.
	9PX6KIRTNG2	27.0	17.3	5.1	98.3		Interp.
	9PX6KIECG2	27.0	17.3	5.1	98.3		30b
	9SX6KIRT3UG2	27.0	17.3	5.1	98.3		Interp.
	9PX8KG2	28.6	17.3	6.8	173.7		Interp.
	9SX8KIG2	28.6	17.3	6.8	173.7		Interp.
	9PX8KIRTNG2	28.6	17.3	6.8	173.7		Interp.
	9PX11KIRTNG2	28.6	17.3	6.8	173.7		Interp.
	9SX11KIG2	28.6	17.3	6.8	173.7		Interp.
	9PX11KG2	28.6	17.3	6.8	173.7		30a
9PX (Extended Battery Modules)	9PXEBM48RT-L	17.6	17.3	1.7	37		Interp.
	9PXEBM72RT-L	23.7	17.3	1.7	47		1c
	9PXEBM192RT-L	25.4	17.3	3.4	79		1e



PRE
COMPLIANCE

Pre No. CC251676-01-R0

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX

Seismic Parameters

$S_{DS} = 2.00g$ for $z/h = 1$ $R_\mu=1.3, H_f=3.5$ $I_p=1.5$
 $S_{DS} = 2.58g$ for $z/h = 0$ $R_\mu=1.0, H_f=1.0$

**Building
Code
CBC 2025**

TABLE 1b

Mounting Configuration: Base Mounted - Rigid in 4-Post Rack

Construction Summary

4-post rack: Carbon steel.
9PX: Carbon steel frame and case with plastic faceplate.

Options Summary

Installed in Tripp Lite Model SR42UBZ4 4-Post rack. The installed mounting must match the tested configuration in terms of design, strength, and stiffness.

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SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX

Seismic Parameters

$S_{DS} = 2.00g$ for $z/h = 1$ $R_p=1.3$, $H_f=3.5$
 $S_{DS} = 2.58g$ for $z/h = 0$ $R_p=1.0$, $H_f=1.0$ $I_p=1.5$

Building Code
CBC 2025

TABLE 1c

Mounting Configuration: Base Mounted - Rigid in 2-Post Rack

Construction Summary

2-post rack: Carbon steel.
9PX: Carbon steel frame and case with plastic faceplate.

Options Summary

Installed in Cooper B-line model SB85219084FB 2-Post rack.
The installed mounting must match the tested configuration in terms of design, strength, and stiffness.

Model Line	Model	Max. Dimensions (in)			Wt. (lb)	Notes	UUT
		D	W	H			
9PX (120/208V)	9PX1500GRT-L	17.7	17.3	3.4	35		2b
	9PX1500RT-L	17.7	17.3	3.4	36		Interp.
	9PX1500RTN-L	17.7	17.3	3.4	37		Interp.
	9PX2000RT-L	23.8	17.3	3.4	51		Interp.
	9PX2000RTN-L	23.8	17.3	3.4	52		Interp.
	9PX2000RT (VRLA)	23.8	17.3	3.4	54		2f
	9PX2200GRT-L	23.8	17.3	3.4	49		Interp.
	9PX3000GRT-L	23.8	17.3	3.4	50		Interp.
	9PX3000RT-L	23.8	17.3	3.4	53		Interp.
	9PX3000RT (VRLA)	23.8	17.3	3.4	54		2g
	9PX3000RTN-L	23.8	17.3	3.4	54		2a
	9PX6K-L	28.4	17.3	5.7	81		2d
9PX G2 VRLA (200/208/220/ 230/240V)	9PX3K3UG2	27.0	17.3	5.1	98.3		Interp.
	9PX5KG2	27.0	17.3	5.1	98.3		Interp.
	9PX5KIRTNG2	27.0	17.3	5.1	98.3		Interp.
	9SX5KIRT3UG2	27.0	17.3	5.1	98.3		Interp.
	9PX6KG2	27.0	17.3	5.1	98.3		Interp.
	9PX6KIRTNG2	27.0	17.3	5.1	98.3		Interp.
	9PX6KIECG2	27.0	17.3	5.1	98.3		31b
	9SX6KIRT3UG2	27.0	17.3	5.1	98.3		Interp.
	9PX8KG2	28.6	17.3	6.8	173.7		Interp.
	9SX8KIG2	28.6	17.3	6.8	173.7		Interp.
	9PX8KIRTNG2	28.6	17.3	6.8	173.7		Interp.
	9PX11KIRTNG2	28.6	17.3	6.8	173.7		Interp.
	9SX11KIG2	28.6	17.3	6.8	173.7		Interp.
	9PX11KG2	28.6	17.3	6.8	173.7		31a
9PX (Extended Battery Modules)	9PXEBM48RT-L	17.6	17.3	1.7	37		Interp.
	9PXEBM72RT-L	23.7	17.3	1.7	47		2c
	9PXEBM192RT-L	25.4	17.3	3.4	79		2e



Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX

$$\begin{aligned} S_{DS} &= 2.00g \text{ for } z/h = 1 \quad R_\mu=1.3, H_f=3.5 \\ S_{DS} &= 2.58g \text{ for } z/h = 0 \quad R_\mu=1.0, H_f=1.0 \end{aligned} \quad I_p=1.5$$

Mounting Configuration: Base Mounted - Rigid in 2-Post Rack

Installed in Cooper B-line model SB85219084FB 2-Post rack.
The installed mounting must match the tested configuration in
terms of design, strength, and stiffness.

Pre Compliance



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENTS

**Building
Code
CBC 2025**

Table Description: Electronics (Base Mounted)

Page 10 of 108



Manufacturer: Eaton Corporation
Product Type: UPS
Model Line: 9PX/9SX/5SC

$$\begin{array}{l} S_{DS} = 2.00g \text{ for } z/h = 1 \quad R_u=1.3, H_f=3.5 \\ S_{DS} = 2.58g \text{ for } z/h = 0 \quad R_u=1.0, H_f=1.0 \end{array} \quad I_p=1.5$$

Table Description: Electronics (2 or 4-post rack mounted)¹

¹The installed mounting must match the tested configuration in terms of design, strength, and stiffness.

SPECIAL SEISMIC CERTIFICATION TESTING SUMMARY

UUT	Model	Test Report	Test Date	Test Laboratory	S _{DS}	z/h	R _μ	H _f	I _p
1	Rack Configuration 1 4-post model: SR42UBZ4	R15070114-2 (UUT 1)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1a	9PX3000RTN-L (in 4-post rack)	R15070114-2 (UUT 1a)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1b	9PX1500GRT-L (in 4-post rack)	R15070114-2 (UUT 1b)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1c	9PXEBM72RT-L (in 4-post rack)	R15070114-2 (UUT 1c)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1d	9PX6k-L (in 4-post rack)	R15070114-2 (UUT 1d)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1e	9PXEBM192RT-L (in 4-post rack)	R15070114-2 (UUT 1e)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1f	9PX2000RT (VRLA) (in 4-post rack)	R15070114-2 (UUT 1f)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
1g	9PX3000RT (VRLA) (in 4-post rack)	R15070114-2 (UUT 1g)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2	Rack Configuration 2 2-post model: SB85219084FB	R15070114-2 (UUT 2)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2a	9PX3000RTN-L (in 2-post rack)	R15070114-2 (UUT 2a)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2b	9PX1500GRT-L (in 2-post rack)	R15070114-2 (UUT 2b)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2c	9PXEBM72RT-L (in 2-post rack)	R15070114-2 (UUT 2c)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2d	9PX6k-L (in 2-post rack)	R15070114-2 (UUT 2d)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2e	9PXEBM192RT-L (in 2-post rack)	R15070114-2 (UUT 2e)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2f	9PX2000RT (VRLA) (in 2-post rack)	R15070114-2 (UUT 2f)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
2g	9PX3000RT (VRLA) (in 2-post rack)	R15070114-2 (UUT 2g)	7/25/2024	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
4	9PX8K Kit	R10964174 Rev. 1 (UUT 4)	9/21/2015	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
17	NOT USED								
20	NOT USED								
21	9SX700	R12717216 Rev. 1 (UUT 1)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5

Notes: The installed mounting configuration must match the tested configuration regarding design, strength, and stiffness

SPECIAL SEISMIC CERTIFICATION TESTING SUMMARY

UUT	Model	Test Report	Test Date	Test Laboratory	S _{DS}	z/h	R _μ	H _f	I _p
22	9SX2000	R12717216 Rev. 1 (UUT 2)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
23	9SX1000G	R12717216 Rev. 1 (UUT 3)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
24	9SX1500G	R12717216 Rev. 1 (UUT 4)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
25	9SX3000G w/Network - M2	R12717216 Rev. 1 (UUT 5 and UUT 9)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
26	9PX3000GLRT & 9PXEBM72RT	R12717216 Rev. 1 (UUT 6 and UUT8)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
27	9PX3000GLRT w/Network - M2	R12717216 Rev. 1 (UUT 7 and UUT10)	3/20/2019	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
28	5SC1000	PR041213-TR-16 (UUT 24)	12/7/2015	NTS	2.58 2.58	1 0	1.3 1.0	3.5 1.0	1.5
29	5SC1500	PR041213-TR-16 (UUT 25)	12/7/2015	NTS	2.58 2.58	1 0	1.3 1.0	3.5 1.0	1.5
30	Rack Configuration 30 4-post model: SR42UBZ4	R15705385-E2-AC156 (UUT1)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30a	9PX11KG2 (in 4-post rack)	R15705385-E2-AC156 (UUT1a)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30b	9PX6KIECG2 (in 4-post rack)	R15705385-E2-AC156 (UUT1b)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30c	9PXTFMR5G2 (in 4-post rack)	R15705385-E2-AC156 (UUT1c)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30d	9PXTFMR11G2 (in 4-post rack)	R15705385-E2-AC156 (UUT1d)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30e	9PXPPDM1G2 (in 4-post rack)	R15705385-E2-AC156 (UUT1e)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30f	9PXPPDM2G2 (in 4-post rack)	R15705385-E2-AC156 (UUT1f)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30g	MBP11KIG2 (in 4-post rack)	R15705385-E2-AC156 (UUT1g)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30h	MBP6KIECG2 (in 4-post rack)	R15705385-E2-AC156 (UUT1h)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30i	9PXEBM180RTG2 (in 4-post rack)	R15705385-E2-AC156 (UUT1i)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
30j	9PXEBM240RTG2 (in 4-post rack)	R15705385-E2-AC156 (UUT1j)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31	Rack Configuration 31 2-post model: SB85219084FB	R15705385-E2-AC156 (UUT2)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5

Notes: The installed mounting configuration must match the tested configuration regarding design, strength, and stiffness

SPECIAL SEISMIC CERTIFICATION TESTING SUMMARY

UUT	Model	Test Report	Test Date	Test Laboratory	S _{DS}	z/h	R _μ	H _f	I _p
31a	9PX11KG2 (in 2-post rack)	R15705385-E2-AC156 (UUT2a)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31b	9PX6KIECG2 (in 2-post rack)	R15705385-E2-AC156 (UUT2b)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31c	9PXTFMR5G2 (in 2-post rack)	R15705385-E2-AC156 (UUT2c)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31d	9PXTFMR11G2 (in 2-post rack)	R15705385-E2-AC156 (UUT2d)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31e	9PXPPDM1G2 (in 2-post rack)	R15705385-E2-AC156 (UUT2e)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31f	9PXPPDM2G2 (in 2-post rack)	R15705385-E2-AC156 (UUT2f)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31g	MBP11KG2 (in 2-post rack)	R15705385-E2-AC156 (UUT2g)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31h	MBP6KIECG2 (in 2-post rack)	R15705385-E2-AC156 (UUT2h)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31i	9PXEBM180RTG2 (in 2-post rack)	R15705385-E2-AC156 (UUT2i)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
31j	9PXEBM240RTG2 (in 2-post rack)	R15705385-E2-AC156 (UUT2j)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
32	9PX11KG2	R15705385-E2-AC156 (UUT3)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
33	9PX6KIECG2	R15705385-E2-AC156 (UUT4)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
34	9PXTFMR5G2	R15705385-E2-AC156 (UUT5)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
35	9PXTFMR11G2	R15705385-E2-AC156 (UUT6)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
36	9PXPPDM1G2	R15705385-E2-AC156 (UUT7)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
37	9PXPPDM2G2	R15705385-E2-AC156 (UUT8)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
38	9PXEBM180RTG2	R15705385-E2-AC156 (UUT9)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5
39	9PXEBM240RTG2	R15705385-E2-AC156 (UUT10)	7/2/2025	UL	2.0 3.2	1 0	1.3 1.0	3.5 1.0	1.5

Notes: The installed mounting configuration must match the tested configuration regarding design, strength, and stiffness



SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

Test Report# R15070114-2 (UUT 1)

Highest Passed Test Level								
S_{DS}	z/h	R_μ	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

[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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1

Test Report# R15070114-2 (UUT 1)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: 4-Post Rack
Model Number: SR42UBZ4 (Tripp Lite)

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	UUT 1f (9PX2000RT (VRLA))		34
62.75	UUT 1g (9PX3000RT (VRLA))		33
61	Empty		32
59.25	UUT 1e (9PXEBM192RT-L)		31
57.5	Empty		30
55.75	UUT 1d (9PX6k-L)		29
54	Empty		28
52.25	Empty		27
50.5	Empty		26
48.75	Empty		25
47	Empty		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (187.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"



UUT 1a

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX3000RTN-L
Serial Number: PG02P42550

		Highest Passed Test Level						
S _{DS}	z/h	R _μ	H _f	I _p	A _{flx-h}	A _{rig-h}	A _{flx-v}	A _{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
23.8	17.3	3.4	53.7	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

Pre Compliance

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1a

Test Report# R15070114-2 (UUT 1a)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX3000RTN-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	UUT 1f (9PX2000RT (VRLA))		34
62.75	UUT 1g (9PX3000RT (VRLA))		33
61	Empty		32
59.25	UUT 1e (9PXEBM192RT-L)		31
57.5	Empty		30
55.75	UUT 1d (9PX6k-L)		29
54	Empty		28
52.25	Empty		27
50.5	Empty		26
48.75	Empty		25
47	Empty		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (187.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5	Empty		

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.
 Max Rack C.G.: 43"
 Max Installation CG Height for UUT1a: 66.25"



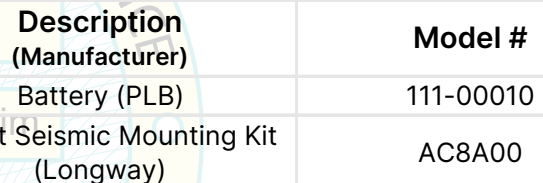
UUT 1b

Test Report# R15070114-2 (UUT 1b)

S_{DS}	z/h	Highest Passed Test Level						
		R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

List of Included Subcomponents



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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1b

Test Report# R15070114-2 (UUT 1b)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX1500GRT-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEbm72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	UUT 1f (9PX2000RT (VRLA))		34
62.75	UUT 1g (9PX3000RT (VRLA))		33
61	Empty		32
59.25	UUT 1e (9PXEbm192RT-L)		31
57.5	Empty		30
55.75	UUT 1d (9PX6k-L)		29
54	Empty		28
52.25	Empty		27
50.5	Empty		26
48.75	Empty		25
47	Empty		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (187.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1b: 71.5"



UUT 1c

Manufacturer: Eaton Corporation

Serial Number: GG07P41031

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
23.7	17.3	1.7	46.6

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

111-LB00017

AC8A00

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1c

Test Report# R15070114-2 (UUT 1c)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM72RT-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	UUT 1f (9PX2000RT (VRLA))		34
62.75	UUT 1g (9PX3000RT (VRLA))		33
61	Empty		32
59.25	UUT 1e (9PXEBM192RT-L)		31
57.5	Empty		30
55.75	UUT 1d (9PX6k-L)		29
54	Empty		28
52.25	Empty		27
50.5	Empty		26
48.75	Empty		25
47	Empty		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (187.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1c: 76.75"



UUT 1d

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX6k-L
Serial Number: P260R21366

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
28.4	17.3	5.7	81.2

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

Description (Manufacturer)	Model #
Battery (PLB)	111-00034
1" Seismic Mounting Kit (Longway)	AC8A00

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1d

Test Report# R15070114-2 (UUT 1d)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX6k-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5			38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25			35
64.5	Empty		34
62.75	UUT 1f (9PX2000RT (VRLA))		33
61			32
59.25	Empty		31
57.5	UUT 1g (9PX3000RT (VRLA))		30
55.75			29
54	Empty		28
52.25	UUT 1e (9PXEBM192RT-L)		27
50.5			26
48.75	Empty		25
47	UUT 1d (9PX6k-L)		24
45.25			23
43.5			22
41.75			21
40			20
38.25	Empty		19
36.5			18
34.75			17
33	Added Weight (200 lbs.)		16
31.25			15
29.5			14
27.75			13
26	Empty		12
24.25			11
22.5			10
20.75	Added Weight (187.3 lbs.)		9
19			8
17.25			7
15.5			6
13.75			5
12	Empty		4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1d: 43.5"



UUT 1e

Manufacturer: Eaton Corporation

Serial Number: G261P33044

$$A_{\text{rig-v}}$$

0.86

0.80

Vertical

N/A

Carbon steel frame and case with plastic faceplate

AC8A00

Page 25 of 108

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1e

Test Report# R15070114-2 (UUT 1e)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM192RT-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5	Empty	42	
76.75	UUT 1c (9PXEBM72RT-L)	41	
75	Empty	40	
73.25	UUT 1b (9PX1500GRT-L)	39	
71.5	Empty	38	
69.75	Empty	37	
68	UUT 1a (9PX3000RTN-L)	36	
66.25	Empty	35	
64.5	Empty	34	
62.75	UUT 1f (9PX2000RT (VRLA))	33	
61	Empty	32	
59.25	Empty	31	
57.5	UUT 1g (9PX3000RT (VRLA))	30	
55.75	Empty	29	
54	Empty	28	
52.25	UUT 1e (9PXEBM192RT-L)	27	
50.5	Empty	26	
48.75	Empty	25	
47	UUT 1d (9PX6k-L)	24	
45.25	Empty	23	
43.5	Empty	22	
41.75	Empty	21	
40	Empty	20	
38.25	Empty	19	
36.5	Empty	18	
34.75	Empty	17	
33	Added Weight (200 lbs.)	16	
31.25	Empty	15	
29.5	Empty	14	
27.75	Empty	13	
26	Empty	12	
24.25	Empty	11	
22.5	Empty	10	
20.75	Added Weight (187.3 lbs.)	9	
19	Empty	8	
17.25	Empty	7	
15.5	Empty	6	
13.75	Empty	5	
12	Empty	4	
10.25	Empty	3	
8.5	Empty	2	
6.75	Empty	1	
5	Empty		

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1e: 50.5"



UUT 1f

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX2000RT (VRLA)
Serial Number: PA19P41KK0

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
23.8	17.3	3.4	53.7

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

Description (Manufacturer)	Model #
Battery (Eaton)	744-A3121
1/2" Seismic Mounting Kit (Longway)	AC8A00

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1f

Test Report# R15070114-2 (UUT 1f)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX2000RT (VRLA)

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	Empty		34
62.75	UUT 1f (9PX2000RT (VRLA))		33
61	Empty		32
59.25	Empty		31
57.5	UUT 1g (9PX3000RT (VRLA))		30
55.75	Empty		29
54	Empty		28
52.25	UUT 1e (9PXEBM192RT-L)		27
50.5	Empty		26
48.75	Empty		25
47	UUT 1d (9PX6k-L)		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (187.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5	Empty		

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1f: 61"



UUT 1g

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX3000RT (VRLA)
Serial Number: PA20N16TW0

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
23.8	17.3	3.4	53.7	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



UUT was mounted in rack using Eaton 4-post Seismic Mounting Kit (P/N: AC8A00) with (4) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

List of Included Subcomponents

[illegible]

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 1g

Test Report# R15070114-2 (UUT 1g)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX3000RT (VRLA)

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 1: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 1c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 1b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 1a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	Empty		34
62.75	UUT 1f (9PX2000RT (VRLA))		33
61	Empty		32
59.25	Empty		31
57.5	UUT 1g (9PX3000RT (VRLA))		30
55.75	Empty		29
54	Empty		28
52.25	UUT 1e (9PXEBM192RT-L)		27
50.5	Empty		26
48.75	Empty		25
47	UUT 1d (9PX6k-L)		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (187.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5	Empty		

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1120 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1g: 55.75"



UUT 2

Page 31 of 108

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2

Test Report# R15070114-2 (UUT 2)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: 2-Post Rack

Model Number: SB85219084FB (Cooper B-Line)

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 2c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 2b (9PX1500GRT-L)		39
71.5			38
69.75	Empty		37
68	UUT 2a (9PX3000RTN-L)		36
66.25			35
64.5	Empty		34
62.75	UUT 2f (9PX2000RT (VRLA))		33
61			32
59.25	Empty		31
57.5	UUT 2g (9PX3000RT (VRLA))		30
55.75			29
54	Empty		28
52.25	UUT 2e (9PXEBM192RT-L)		27
50.5			26
48.75	Empty		25
47			24
45.25	UUT 2d (9PX6k-L)		23
43.5			22
41.75			21
40			20
38.25	Empty		19
36.5			18
34.75			17
33	Added Weight (200 lbs.)		16
31.25			15
29.5			14
27.75			13
26	Empty		12
24.25			11
22.5			10
20.75	Added Weight (247.3 lbs.)		9
19			8
17.25			7
15.5			6
13.75			5
12	Empty		4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"



UUT 2a

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX3000RTN-L
Serial Number: PG02P42550

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
23.8	17.3	3.4	53.7

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

Description (Manufacturer)	Model #
Battery (PLB)	111-00011
5" Seismic Mounting Kit (Longway)	AC89FE

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2a

Test Report# R15070114-2 (UUT 2a)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX3000RTN-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 2c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 2b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 2a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	Empty		34
62.75	UUT 2f (9PX2000RT (VRLA))		33
61	Empty		32
59.25	Empty		31
57.5	UUT 2g (9PX3000RT (VRLA))		30
55.75	Empty		29
54	Empty		28
52.25	UUT 2e (9PXEBM192RT-L)		27
50.5	Empty		26
48.75	Empty		25
47	UUT 2d (9PX6k-L)		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (247.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5	Empty		

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2a: 66.25"



UUT 2b

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX1500GRT-L
Serial Number: PG03R13149

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
17.7	17.3	3.4	34.8

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

**Description
(Manufacturer)**

Model #

111-00010

UUT was mounted in rack using Eaton 2-post Seismic Mounting Kit (P/N: AC8BDF) with (4) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2b

Test Report# R15070114-2 (UUT 2b)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX1500GRT-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

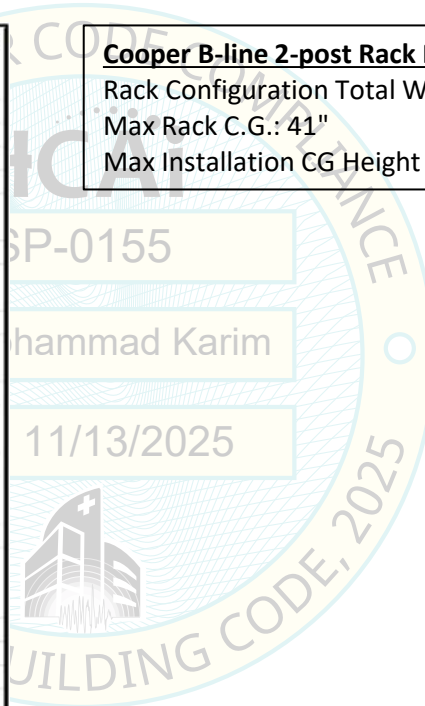
Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5	Empty	42	
76.75	UUT 2c (9PXEBM72RT-L)	41	
75	Empty	40	
73.25	UUT 2b (9PX1500GRT-L)	39	
71.5	Empty	38	
69.75	Empty	37	
68	UUT 2a (9PX3000RTN-L)	36	
66.25	Empty	35	
64.5	Empty	34	
62.75	UUT 2f (9PX2000RT (VRLA))	33	
61	Empty	32	
59.25	Empty	31	
57.5	UUT 2g (9PX3000RT (VRLA))	30	
55.75	Empty	29	
54	Empty	28	
52.25	UUT 2e (9PXEBM192RT-L)	27	
50.5	Empty	26	
48.75	Empty	25	
47	UUT 2d (9PX6k-L)	24	
45.25	Empty	23	
43.5	Empty	22	
41.75	Empty	21	
40	Empty	20	
38.25	Empty	19	
36.5	Empty	18	
34.75	Empty	17	
33	Added Weight (200 lbs.)	16	
31.25	Empty	15	
29.5	Empty	14	
27.75	Empty	13	
26	Empty	12	
24.25	Empty	11	
22.5	Empty	10	
20.75	Added Weight (247.3 lbs.)	9	
19	Empty	8	
17.25	Empty	7	
15.5	Empty	6	
13.75	Empty	5	
12	Empty	4	
10.25	Empty	3	
8.5	Empty	2	
6.75	Empty	1	
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2b: 71.5"



SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2c

Test Report# R15070114-2 (UUT 2c)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: Extended Battery Module

Model Number: 9PXEBM72RT-L

Serial Number: GG07P41031

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
23.7	17.3	1.7	46.6

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

Battery (PLB)

111-LB00017

2-Post Seismic Mounting Kit
(Longway)

AC89FE

UUT was mounted in rack using Eaton 2-post Seismic Mounting Kit (P/N: AC89FE) with (4) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2c

Test Report# R15070114-2 (UUT 2c)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM72RT-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5	Empty		42
76.75	UUT 2c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 2b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 2a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	UUT 2f (9PX2000RT (VRLA))		34
62.75	UUT 2g (9PX3000RT (VRLA))		33
61	Empty		32
59.25	Empty		31
57.5	UUT 2e (9PXEBM192RT-L)		30
55.75	Empty		29
54	Empty		28
52.25	Empty		27
50.5	Empty		26
48.75	Empty		25
47	UUT 2d (9PX6k-L)		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (247.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2c: 76.75"



UUT 2d

Test Report# R15070114-2 (UUT 2d)

S_{DS}	z/h	Highest Passed Test Level						
		R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

List of Included Subcomponents



Model #

AC89FE

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2d

Test Report# R15070114-2 (UUT 2d)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX6k-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 2c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 2b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 2a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	UUT 2f (9PX2000RT (VRLA))		34
62.75	UUT 2g (9PX3000RT (VRLA))		33
61	Empty		32
59.25	UUT 2e (9PXEBM192RT-L)		31
57.5	Empty		30
55.75	Empty		29
54	Empty		28
52.25	Empty		27
50.5	Empty		26
48.75	Empty		25
47	UUT 2d (9PX6k-L)		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (247.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5	Empty		

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2d: 43.5"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2e

Test Report# R15070114-2 (UUT 2e)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: Extended Battery Module

Model Number: 9PXEBM192RT-L

Serial Number: G261P33044

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25.4	17.3	3.4	79

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

Battery (PLB)

111-LBA0009

2-Post Seismic Mounting Kit
(Longway)

AC89FE

UUT was mounted in rack using Eaton 2-post Seismic Mounting Kit (P/N: AC89FE) with (4) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2e

Test Report# R15070114-2 (UUT 2e)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM192RT-L

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty	42	
76.75	UUT 2c (9PXEBM72RT-L)	41	
75	Empty	40	
73.25	UUT 2b (9PX1500GRT-L)	39	
71.5	Empty	38	
69.75	Empty	37	
68	UUT 2a (9PX3000RTN-L)	36	
66.25	Empty	35	
64.5	Empty	34	
62.75	UUT 2f (9PX2000RT (VRLA))	33	
61	Empty	32	
59.25	Empty	31	
57.5	UUT 2g (9PX3000RT (VRLA))	30	
55.75	Empty	29	
54	Empty	28	
52.25	UUT 2e (9PXEBM192RT-L)	27	
50.5	Empty	26	
48.75	Empty	25	
47	UUT 2d (9PX6k-L)	24	
45.25	Empty	23	
43.5	Empty	22	
41.75	Empty	21	
40	Empty	20	
38.25	Empty	19	
36.5	Empty	18	
34.75	Empty	17	
33	Added Weight (200 lbs.)	16	
31.25	Empty	15	
29.5	Empty	14	
27.75	Empty	13	
26	Empty	12	
24.25	Empty	11	
22.5	Empty	10	
20.75	Added Weight (247.3 lbs.)	9	
19	Empty	8	
17.25	Empty	7	
15.5	Empty	6	
13.75	Empty	5	
12	Empty	4	
10.25	Empty	3	
8.5	Empty	2	
6.75	Empty	1	
5	Empty		

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2e: 50.5"



UUT 2f

Test Report# R15070114-2 (UUT 2f)

S_{DS}	z/h	Highest Passed Test Level						
		R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

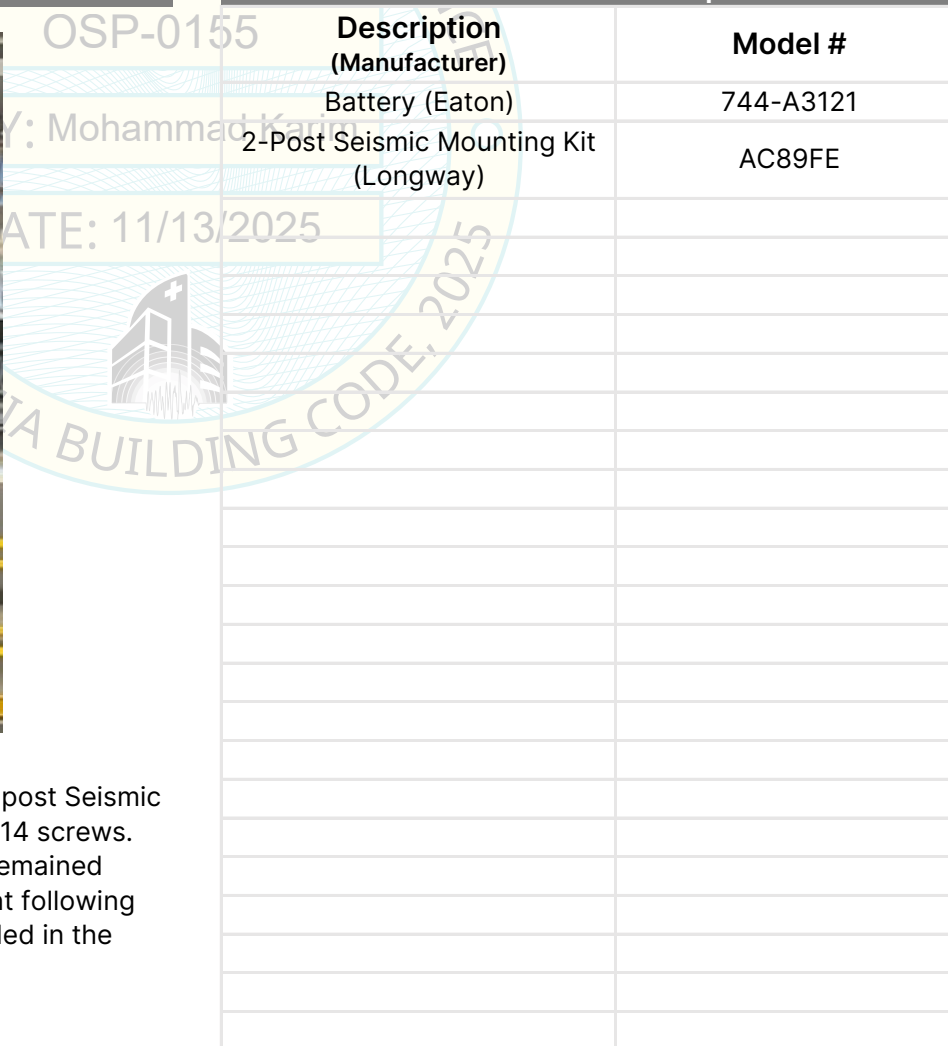
Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

List of Included Subcomponents



Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2f

Test Report# R15070114-2 (UUT 2f)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX2000RT (VRLA)

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack RMU	
78.5	Empty		42
76.75	UUT 2c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 2b (9PX1500GRT-L)		39
71.5	Empty		38
69.75	Empty		37
68	UUT 2a (9PX3000RTN-L)		36
66.25	Empty		35
64.5	Empty		34
62.75	UUT 2f (9PX2000RT (VRLA))		33
61	Empty		32
59.25	Empty		31
57.5	UUT 2g (9PX3000RT (VRLA))		30
55.75	Empty		29
54	Empty		28
52.25	UUT 2e (9PXEBM192RT-L)		27
50.5	Empty		26
48.75	Empty		25
47	UUT 2d (9PX6k-L)		24
45.25	Empty		23
43.5	Empty		22
41.75	Empty		21
40	Empty		20
38.25	Empty		19
36.5	Empty		18
34.75	Empty		17
33	Added Weight (200 lbs.)		16
31.25	Empty		15
29.5	Empty		14
27.75	Empty		13
26	Empty		12
24.25	Empty		11
22.5	Empty		10
20.75	Added Weight (247.3 lbs.)		9
19	Empty		8
17.25	Empty		7
15.5	Empty		6
13.75	Empty		5
12	Empty		4
10.25	Empty		3
8.5	Empty		2
6.75	Empty		1
5	Empty		

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2f: 61"



UUT 2g

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX3000RT (VRLA)
Serial Number: PA20N16TW0

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
23.8	17.3	3.4	53.7

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
N/A	N/A	N/A

UUT Mounting Details:

Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 2g

Test Report# R15070114-2 (UUT 2g)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX3000RT (VRLA)

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 2: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5	Empty		42
76.75	UUT 2c (9PXEBM72RT-L)		41
75	Empty		40
73.25	UUT 2b (9PX1500GRT-L)		39
71.5			38
69.75	Empty		37
68	UUT 2a (9PX3000RTN-L)		36
66.25			35
64.5	Empty		34
62.75	UUT 2f (9PX2000RT (VRLA))		33
61			32
59.25	Empty		31
57.5	UUT 2g (9PX3000RT (VRLA))		30
55.75			29
54	Empty		28
52.25	UUT 2e (9PXEBM192RT-L)		27
50.5			26
48.75	Empty		25
47			24
45.25	UUT 2d (9PX6k-L)		23
43.5			22
41.75			21
40			20
38.25	Empty		19
36.5			18
34.75			17
33	Added Weight (200 lbs.)		16
31.25			15
29.5			14
27.75			13
26	Empty		12
24.25			11
22.5			10
20.75	Added Weight (247.3 lbs.)		9
19			8
17.25			7
15.5			6
13.75			5
12	Empty		4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1015 lbs.

Max Rack C.G.: 41"

Max Installation CG Height for UUT2g: 55.75"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 4

Test Report# R10964174 Rev. 1 (UUT4)

Manufacturer: Eaton Corporation

Model Line: 9PX

Product Type: UPS

Model Number: 9PX8K Kit

Serial Number: G219F26048KIT

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
32	10.2	17.3	193

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	16.53	>33.3

Building Codes

CBC 2025

Test Criteria

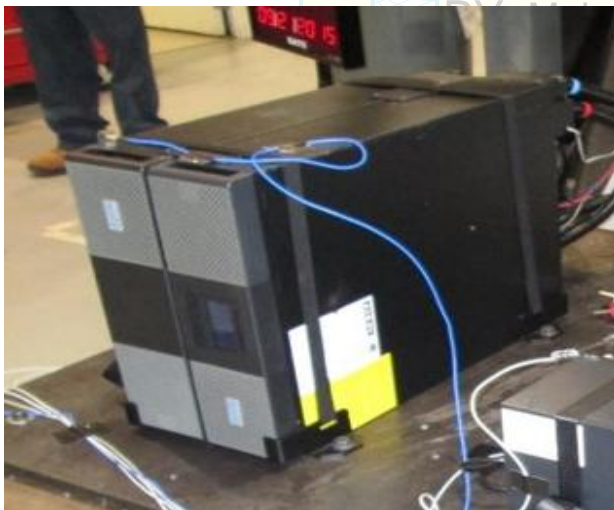
ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:

List of Included Subcomponents

[illegible]

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 21

Test Report#

R12717216 Rev. 1
(UUT 1)

Manufacturer: Eaton Corporation
Model Line: 9SX
Product Type: UPS
Model Number: 9SX700
Serial Number: PC21J38557

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
13.9	6.3	9.9	26

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Battery (Leoch)

Model

DJW12-9.0

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 22

Test Report#

R12717216 Rev. 1
(UUT 2)

Manufacturer: Eaton Corporation
Model Line: 9SX
Product Type: UPS
Model Number: 9SX2000
Serial Number: PC24J37235

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
16.2	8.4	13.6	76

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

Battery (Leoch)

DJW12-9.0

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 23

Test Report#

R12717216 Rev. 1
(UUT 3)

Manufacturer: Eaton Corporation
Model Line: 9SX
Product Type: UPS
Model Number: 9SX1000G
Serial Number: PC27J36110

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
15.1	6.3	9.9	33

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Battery (Leoch)

Model

DJW12-9.0

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 24

Test Report#

R12717216 Rev. 1
(UUT 4)

Manufacturer: Eaton Corporation
Model Line: 9SX
Product Type: UPS
Model Number: 9SX1500G
Serial Number: PC28J34057

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
17.1	6.3	9.9	41

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Battery (Leoch)

Model

DJW12-9.0

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 25

Test Report#

R12717216 Rev. 1
(UUT5 & UUT9)

Manufacturer: Eaton Corporation

Model Line: 9SX

Product Type: UPS

Model Number: 9SX3000G w/Network - M2

Serial Number: PC30J35024 & 002085E94BF8

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
16.2	8.4	13.6	75

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

Battery (Leoch)

DJW12-9.0

Network Card (Eaton)

Network-M2

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 27

Test Report#

R12717216 Rev. 1
(UUT7 & UUT10)

Manufacturer: Eaton Corporation

Model Line: 9PX

Product Type: UPS

Model Number: 9PX3000GLRT w/Network-M2

Serial Number: GA25G12002 & 002085E94C04

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
23.8	3.4	17.3	64

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
>33.3	17.0	>33.3

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

Battery (Leoch)

DJW12-9.0

Network Card (Eaton)

Network-M2

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-10300016) with (4) 1/2" 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.



UUT 28

PR041213-TR-16
(UUT 24)

Serial Number: G138E02019

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.58	1	1.3	3.5	1.5	4.12	2.77	1.72	0.69
2.58	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
16.5	6.0	8.25	34

Front-Back	Side-Side	Vertical
>33.3	18.0	>33.3

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

Battery (Leoch)

PWHR1234W2FR

LCD Display Assembly (Eaton)

126-00187-00

PCBA (Main Power Circuit)

710-15919-10P

(Eaton)

PCBA (Comms Circuit)
(Eaton)

710-15920-05P

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-103001016) with (4) 1/2" 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.



UUT 29

PR041213-TR-16
(UUT 25)

Serial Number: G137F38150

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.58	1	1.3	3.5	1.5	4.12	2.77	1.72	0.69
2.58	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
14.62	6.0	8.25	24

Front-Back	Side-Side	Vertical
>33.3	18.0	>33.3

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

A black industrial power supply unit, likely a DC power source, is shown. It has a rectangular shape with a perforated metal grille on the front. Several orange cables are connected to the top of the unit. The unit is mounted on a heavy metal base. The background is a workshop or laboratory setting.

Battery (Leoch)

PWHR1234W2FR

LCD Display Assembly (Eaton)

126-00187-00

PCBA (Main Power Circuit)

710-15919-10P

(Eaton)

PCBA (Comms Circuit)
(Eaton)

710-15920-05P

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



SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

Test Report# R15705385-E2-AC156
(UUT1)

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30

Test Report# R15705385-E2-AC156
(UUT1)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: SR42UBZ4 (Tripp Lite)

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT1h (MBP6KIEG2)	40 5.3
73.25			39
71.5			38
69.75		UUT 1g (MBP11KG2)	37 10.1
68			36
66.25			35
64.5		UUT 1c (9PXTFMR5G2)	34 96
62.75			33
61			32
59.25		UUT 1b (9PX6KIEG2)	31 98.3
57.5			30
55.75			29
54		UUT 1i (9PXEBM180RTG2)	28 145
52.25			27
50.5			26
48.75		UUT 1e (9PXPPDM1G2)	25 98
47			24
45.25			23
43.5		UUT 1j (9PXEBM240RTG2)	22 137
41.75			21
40			20
38.25		UUT 1f (9PXPPDM2G2)	19 98
36.5			18
34.75			17
33			16
31.25		UUT 1a (9PX11KG2)	15 173.7
29.5			14
27.75			13
26		UUT 1d (9PXTFMR11G2)	12 187
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.

Max Rack C.G.: 43"



UUT 30a

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX11KG2
Serial Number: GN75R51013

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
28.5	17.3	6.75	173.7

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

**Description
(Manufacturer)**

4-Post Seismic Mounting Kit (Longway)

Model #

AC8A00

www.go-pre.com

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30a

Test Report# R15705385-E2-AC156
(UUT1a)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX11KG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
	RMU		
78.5			42
76.75			41
75		UUT1h (MBP6KIECG2)	40 5.3
73.25			39
71.5			38
69.75	UUT 1g (MBP11KG2)		37 10.1
68			36
66.25			35
64.5	UUT 1c (9PXTFMR5G2)		34 96
62.75			33
61			32
59.25	UUT 1b (9PX6KIECG2)		31 98.3
57.5			30
55.75			29
54	UUT 1i (9PXEBM180RTG2)		28 145
52.25			27
50.5			26
48.75	UUT 1e (9PXPPDM1G2)		25 98
47			24
45.25			23
43.5	UUT 1j (9PXEBM240RTG2)		22 137
41.75			21
40			20
38.25	UUT 1f (9PXPPDM2G2)		19 98
36.5			18
34.75	UUT 1a (9PX11KG2)		17 173.7
33			16
31.25			15
29.5			14
27.75			13
26	UUT 1d (9PXTFMR11G2)		12 187
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75	Empty		5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT1a: 31.25"



UUT 30b

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX6KIECG2
Serial Number: GN73T10014

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
26.9	17.3	5.1	98.3

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
N/A	N/A	N/A

UUT Mounting Details:



Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30b

Test Report# R15705385-E2-AC156
(UUT1b)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: UPS
Model Number: 9PX6KIECG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack			Weight (lbs.)
	Position on rack		Position on rack	
	RMU			
78.5				42
76.75				41
75			UUT1h (MBP6KIECG2)	40 5.3
73.25				39
71.5				38
69.75		UUT 1g (MBP11KG2)		37 10.1
68				36
66.25				35
64.5		UUT 1c (9PXTFMR5G2)		34 96
62.75				33
61		UUT 1b (9PX6KIECG2)		32
59.25				31 98.3
57.5				30
55.75				29
54		UUT 1i (9PXEBM180RTG2)		28 145
52.25				27
50.5				26
48.75		UUT 1e (9PXPPDM1G2)		25 98
47				24
45.25				23
43.5		UUT 1j (9PXEBM240RTG2)		22 137
41.75				21
40				20
38.25		UUT 1f (9PXPPDM2G2)		19 98
36.5				18
34.75				17
33		UUT 1a (9PX11KG2)		16 173.7
31.25				15
29.5				14
27.75				13
26		UUT 1d (9PXTFMR11G2)		12 187
24.25				11
22.5				10
20.75				9
19				8
17.25				7
15.5				6
13.75		Empty		5
12				4
10.25				3
8.5				2
6.75				1
5				

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1b: 57.5"



UUT 30c

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR5G2
Serial Number: GN91T03004

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25.4	17.3	5.1	96

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

**Description
(Manufacturer)**

Model #

AC8A00

Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30c

Test Report# R15705385-E2-AC156
(UUT1c)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR5G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT1h (MBP6KIECG2)	40 5.3
73.25			39
71.5			38
69.75	UUT 1g (MBP11KG2)		37 10.1
68			36
66.25			35
64.5	UUT 1c (9PXTFMR5G2)		34 96
62.75			33
61			32
59.25	UUT 1b (9PX6KIECG2)		31 98.3
57.5			30
55.75			29
54	UUT 1i (9PXEBM180RTG2)		28 145
52.25			27
50.5			26
48.75	UUT 1e (9PXPPDM1G2)		25 98
47			24
45.25			23
43.5	UUT 1j (9PXEBM240RTG2)		22 137
41.75			21
40			20
38.25	UUT 1f (9PXPPDM2G2)		19 98
36.5			18
34.75			17
33	UUT 1a (9PX11KG2)		16 173.7
31.25			15
29.5			14
27.75			13
26	UUT 1d (9PXTFMR11G2)		12 187
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75	Empty		5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT1c: 64.5"



UUT 30d

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR11G2
Serial Number: GN92T03005

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
28	17.3	5.1	187

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

A photograph of a black metal frame structure, likely a test chamber or enclosure, with a red rectangular box highlighting a specific section of the front panel. The structure is composed of vertical and horizontal bars, creating a grid-like appearance. The red box is positioned in the lower-middle section of the front panel. The background shows a workshop or laboratory setting with various equipment and materials.

**Description
(Manufacturer)**

Model #

AC8A00

Pre Compliance

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11/13/2025

OSP-0155

Page 65 of 108

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30d

Test Report# R15705385-E2-AC156
(UUT1d)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR11G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
	RMU		
78.5			42
76.75			41
75			40
73.25			39
71.5			38
69.75			37
68			36
66.25			35
64.5			34
62.75			33
61			32
59.25			31
57.5			30
55.75			29
54			28
52.25			27
50.5			26
48.75			25
47			24
45.25			23
43.5			22
41.75			21
40			20
38.25			19
36.5			18
34.75			17
33			16
31.25			15
29.5			14
27.75			13
26			12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT1d: 26"



UUT 30e

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: PPDM
Model Number: 9XPDDM1G2
Serial Number: GN93T03006

S_{DS}	z/h	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25.4	17.3	5.1	98

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

CBC 2025

ICC-ES AC156

Carbon steel frame and case with plastic faceplate

**Description
(Manufacturer)**

Model #

AC8A00

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30e

Test Report# R15705385-E2-AC156
(UUT1e)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: PPDM
Model Number: 9XPPDM1G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack			Weight (lbs.)	
	Position on rack		Position on rack		
	RMU				
78.5				42	
76.75				41	
75			UUT1h (MBP6KIEG2)	40	5.3
73.25				39	
71.5				38	
69.75			UUT 1g (MBP11KG2)	37	10.1
68				36	
66.25				35	
64.5			UUT 1c (9PXTFMR5G2)	34	96
62.75				33	
61				32	
59.25			UUT 1b (9PX6KIEG2)	31	98.3
57.5				30	
55.75				29	
54			UUT 1i (9PXEBM180RTG2)	28	145
52.25				27	
50.5			UUT 1e (9XPPDM1G2)	26	98
48.75				25	
47				24	
45.25				23	
43.5			UUT 1j (9PXEBM240RTG2)	22	137
41.75				21	
40				20	
38.25			UUT 1f (9XPPDM2G2)	19	98
36.5			18		
34.75			17		
33			16		
31.25		UUT 1a (9PX11KG2)	15	173.7	
29.5			14		
27.75			13		
26		UUT 1d (9PXTFMR11G2)	12	187	
24.25			11		
22.5			10		
20.75			9		
19			8		
17.25			7		
15.5			6		
13.75		Empty	5		
12			4		
10.25			3		
8.5			2		
6.75			1		
5					

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT1e: 48.75"



UUT 30f

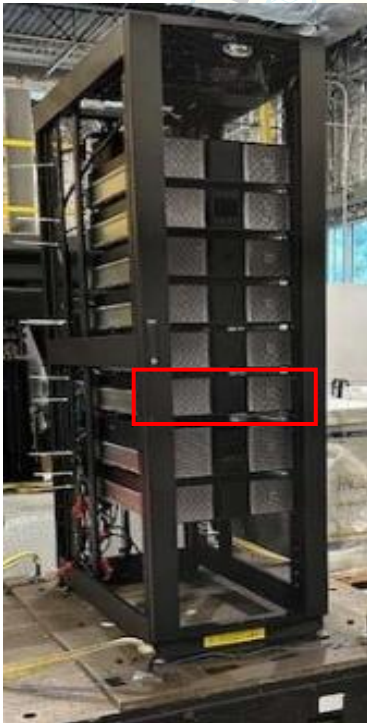
Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: PPDM
Model Number: 9XPDDM2G2
Serial Number: GN94T10005

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
27	17.3	5.1	98	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30f

Test Report# R15705385-E2-AC156
(UUT1f)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: PPDM
Model Number: 9XPPDM2G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack			Weight (lbs.)		
	Position on rack		Position on rack			
	RMU					
78.5				42		
76.75				41		
75			UUT1h (MBP6KIEG2)	40		5.3
73.25				39		
71.5				38		
69.75			UUT 1g (MBP11KG2)	37		10.1
68				36		
66.25				35		
64.5			UUT 1c (9PXTFMR5G2)	34		96
62.75				33		Moh
61				32		
59.25			UUT 1b (9PX6KIEG2)	31		98.3
57.5				30		
55.75				29		
54			UUT 1i (9PXEBM180RTG2)	28		145
52.25				27		
50.5				26		
48.75			UUT 1e (9XPPDM1G2)	25		98
47				24		
45.25				23		
43.5			UUT 1j (9PXEBM240RTG2)	22		137
41.75				21		
40			UUT 1f (9XPPDM2G2)	20		98
38.25				19		
36.5			18			
34.75			17			
33		UUT 1a (9PX11KG2)	16	173.7		
31.25			15			
29.5			14			
27.75			13			
26		UUT 1d (9PXTFMR11G2)	12	187		
24.25			11			
22.5			10			
20.75			9			
19			8			
17.25			7			
15.5			6			
13.75		Empty	5			
12			4			
10.25			3			
8.5			2			
6.75			1			
5						

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1f: 38.25"



UUT 30g

Page 71 of 108

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30g

Test Report# R15705385-E2-AC156
(UUT1g)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Maintenance Bypass Module
Model Number: MBP11KIG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT1h (MBP6KIECG2)	40
73.25			39
71.5			38
69.75		UUT 1g (MBP11KG2)	37
68			36
66.25			35
64.5		UUT 1c (9PXTFMR5G2)	34
62.75			33
61			32
59.25		UUT 1b (9PX6KIECG2)	31
57.5			30
55.75			29
54		UUT 1i (9PXEBM180RTG2)	28
52.25			27
50.5			26
48.75		UUT 1e (9PXPPDM1G2)	25
47			24
45.25			23
43.5		UUT 1j (9PXEBM240RTG2)	22
41.75			21
40			20
38.25		UUT 1f (9PXPPDM2G2)	19
36.5			18
34.75			17
33			16
31.25		UUT 1a (9PX11KG2)	15
29.5			14
27.75			13
26		UUT 1d (9PXTFMR11G2)	12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75		Empty	5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1g: 69.75"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30h

Test Report# R15705385-E2-AC156
(UUT1h)

Manufacturer: Eaton Corporation

Model Line: 9PX - 4-Post Installation

Product Type: Maintenance Bypass Module

Model Number: MBP6KIECG2

Serial Number: GB19T03004

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
5.1	9.4	5.1	5.3

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



UUT was mounted in rack using (3) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

List of Included Subcomponents

Description (Manufacturer)

Model

N/A

N/A

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30h

Test Report# R15705385-E2-AC156
(UUT1h)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Maintenance Bypass Module
Model Number: MBP6KIECG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack			Weight (lbs.)	
	Position on rack		Position on rack		
	RMU				
78.5				42	
76.75				41	
75			UUT1h (MBP6KIECG2)	40	5.3
73.25				39	
71.5		UUT 1g (MBP11KG2)		38	
69.75				37	10.1
68				36	
66.25		UUT 1c (9PXTFMR5G2)		35	
64.5				34	96
62.75				33	Moh
61				32	
59.25			UUT 1b (9PX6KIECG2)	31	98.3
57.5				30	
55.75				29	TE:
54			UUT 1i (9PXEBM180RTG2)	28	145
52.25				27	
50.5				26	
48.75			UUT 1e (9XPPDM1G2)	25	98
47				24	
45.25				23	
43.5			UUT 1j (9PXEBM240RTG2)	22	137
41.75				21	BU
40				20	
38.25			UUT 1f (9XPPDM2G2)	19	98
36.5				18	
34.75				17	
33			UUT 1a (9PX11KG2)	16	173.7
31.25				15	
29.5				14	
27.75			UUT 1d (9PXTFMR11G2)	13	187
26				12	
24.25				11	
22.5				10	
20.75				9	
19				8	
17.25				7	
15.5				6	
13.75			Empty	5	
12				4	
10.25				3	
8.5				2	
6.75				1	
5					

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1h: 75"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30i

Test Report# R15705385-E2-AC156
(UUT1i)

Manufacturer: Eaton Corporation

Model Line: 9PX - 4-Post Installation

Product Type: Extended Battery Module

Model Number: 9PXEBM180RTG2

Serial Number: GN79R51002

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25	17.3	5.1	145

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

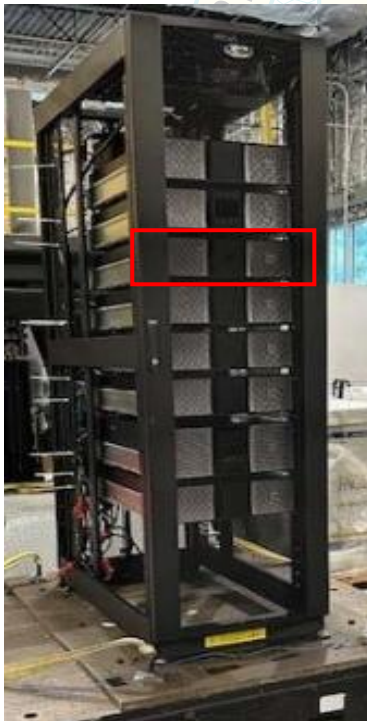
Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

4-Post Seismic Mounting Kit
(Longway)

AC8A00

UUT was mounted in rack using Eaton 4-post Seismic Mounting Kit (P/N: AC8A00) with (4) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30i

Test Report# R15705385-E2-AC156
(UUT1i)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM180RTG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT1h (MBP6KIECG2)	40 5.3
73.25			39
71.5			38
69.75	UUT 1g (MBP11KG2)		37 10.1
68			36
66.25			35
64.5	UUT 1c (9PXTFMR5G2)		34 96
62.75			33
61			32
59.25	UUT 1b (9PX6KIECG2)		31 98.3
57.5			30
55.75			29
54	UUT 1i (9PXEBM180RTG2)		28 145
52.25			27
50.5			26
48.75	UUT 1e (9PXPPDM1G2)		25 98
47			24
45.25			23
43.5	UUT 1j (9PXEBM240RTG2)		22 137
41.75			21
40			20
38.25	UUT 1f (9PXPPDM2G2)		19 98
36.5			18
34.75			17
33			16
31.25	UUT 1a (9PX11KG2)		15 173.7
29.5			14
27.75			13
26	UUT 1d (9PXTFMR11G2)		12 187
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75	Empty		5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT1i: 54"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30j

Test Report# R15705385-E2-AC156
(UUT1j)

Manufacturer: Eaton Corporation

Model Line: 9PX - 4-Post Installation

Product Type: Extended Battery Module

Model Number: 9PXEBM240RTG2

Serial Number: GN80R51003

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
26.4	17.3	5.1	137

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

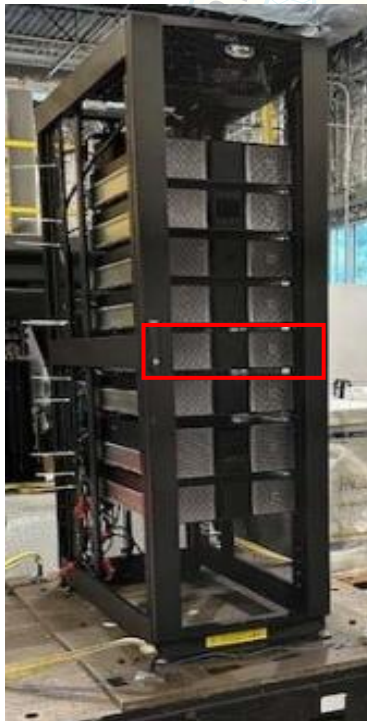
Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

4-Post Seismic Mounting Kit
(Longway)

AC8A00

UUT was mounted in rack using Eaton 4-post Seismic Mounting Kit (P/N: AC8A00) with (4) M6-14 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 30j

Test Report# R15705385-E2-AC156
(UUT1j)

Manufacturer: Eaton Corporation
Model Line: 9PX - 4-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM240RTG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

4-Post Rack Configuration

Height (in.)	Rack Configuration 30: 4-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT1h (MBP6KIECG2)	40
73.25			39
71.5			38
69.75	UUT 1g (MBP11KG2)		37
68			36
66.25			35
64.5	UUT 1c (9PXTFMR5G2)		34
62.75			33
61			32
59.25	UUT 1b (9PX6KIECG2)		31
57.5			30
55.75			29
54	UUT 1i (9PXEBM180RTG2)		28
52.25			27
50.5			26
48.75	UUT 1e (9PXPPDM1G2)		25
47			24
45.25			23
43.5	UUT 1j (9PXEBM240RTG2)		22
41.75			21
40			20
38.25	UUT 1f (9PXPPDM2G2)		19
36.5			18
34.75			17
33			16
31.25	UUT 1a (9PX11KG2)		15
29.5			14
27.75			13
26	UUT 1d (9PXTFMR11G2)		12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Tripp Lite 4-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1395 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT1j: 55.75"



UUT 31

Manufacturer: Eaton Corporation

 S_{DS}

2.0

3.2

 S_{DS}

2.0

3.2

.)

15

1.5

.)

22

5.2

.)

—

4

.)

15

15

.)

2 14

2.14

.)

0.86

0.86

Front-Back

Side-Side

4.84

Vertical

>33.3

>33.3

>33.3

>33.3

>33.3

>33.3

CBC 2025

ICC-ES AC156

Powder Coated Carbon Steel Frame

Model

AC89FE

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

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31

Test Report# R15705385-E2-AC156
(UUT2)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: UPS

Model Number: SB85219084FB (Cooper B-Line)

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75			40
73.25			39
71.5			38
69.75			37
68			36
66.25			35
64.5			34
62.75			33
61			32
59.25			31
57.5			30
55.75			29
54			28
52.25			27
50.5			26
48.75			25
47			24
45.25			23
43.5			22
41.75			21
40			20
38.25			19
36.5			18
34.75			17
33			16
31.25			15
29.5			14
27.75			13
26			12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.

Max Rack C.G.: 43"



UUT 31a

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX11KG2
Serial Number: GN75R51013

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
28.5	17.3	6.75	173.7	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31a

Test Report# R15705385-E2-AC156
(UUT2a)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX11KG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
	RMU		
78.5			42
76.75			41
75			40
73.25			39
71.5			38
69.75			37
68			36
66.25			35
64.5			34
62.75			33
61			32
59.25			31
57.5			30
55.75			29
54			28
52.25			27
50.5			26
48.75			25
47			24
45.25			23
43.5			22
41.75			21
40			20
38.25			19
36.5			18
34.75			17
33			16
31.25			15
29.5			14
27.75			13
26			12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2a: 31.25"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31b

Test Report# R15705385-E2-AC156
(UUT2b)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX6KIECG2
Serial Number: GN73T10014

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
26.9	17.3	5.1	98.3

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:	List of Included Subcomponents	
	Description (Manufacturer)	Model #
	2-Post Seismic Mounting Kit (Longway)	AC89FE

UUT was mounted in rack using Eaton 2-post Seismic Mounting Kit (P/N: AC89FE) with (4) 12-24 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31b

Test Report# R15705385-E2-AC156
(UUT2b)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: UPS
Model Number: 9PX6KIECG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75			40
73.25		UUT2h (MBP6KIECG2)	39
71.5			38
69.75		UUT 2g (MBP11KG2)	37
68			36
66.25			35
64.5		UUT 2c (9PXTFMR5G2)	34
62.75			33
61		UUT 2b (9PX6KIECG2)	32
59.25			31
57.5			30
55.75			29
54		UUT 2i (9PXEBM180RTG2)	28
52.25			27
50.5			26
48.75		UUT 2e (9PXPPDM1G2)	25
47			24
45.25			23
43.5		UUT 2j (9PXEBM240RTG2)	22
41.75			21
40			20
38.25		UUT 2f (9PXPPDM2G2)	19
36.5			18
34.75			17
33			16
31.25		UUT 2a (9PX11KG2)	15
29.5			14
27.75			13
26		UUT 2d (9PXTFMR11G2)	12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT2b: 57.5"



UUT 31c

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR5G2
Serial Number: GN91T03004

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
25.4	17.3	5.1	96	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31c

Test Report# R15705385-E2-AC156
(UUT2c)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR5G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT2h (MBP6KIECG2)	40 5.3
73.25			39
71.5			38
69.75	UUT 2g (MBP11KG2)		37 10.1
68			36
66.25			35
64.5	UUT 2c (9PXTFMR5G2)		34 96
62.75			33
61			32
59.25	UUT 2b (9PX6KIECG2)		31 98.3
57.5			30
55.75			29
54	UUT 2i (9PXEBM180RTG2)		28 145
52.25			27
50.5			26
48.75	UUT 2e (9XPPDM1G2)		25 98
47			24
45.25			23
43.5	UUT 2j (9PXEBM240RTG2)		22 137
41.75			21
40			20
38.25	UUT 2f (9XPPDM2G2)		19 98
36.5			18
34.75			17
33			16
31.25	UUT 2a (9PX11KG2)		15 173.7
29.5			14
27.75			13
26	UUT 2d (9PXTFMR11G2)		12 187
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75	Empty		5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2c: 64.5"



UUT 31d

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR11G2
Serial Number: GN92T03005

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
28	17.3	5.1	187	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

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SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31d

Test Report# R15705385-E2-AC156
(UUT2d)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Transformer
Model Number: 9PXTFMR11G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT2h (MBP6KIECG2)	40 5.3
73.25			39
71.5			38
69.75	UUT 2g (MBP11KG2)		37 10.1
68			36
66.25			35
64.5	UUT 2c (9PXTFMR5G2)		34 96
62.75			33
61			32
59.25	UUT 2b (9PX6KIECG2)		31 98.3
57.5			30
55.75			29
54	UUT 2i (9PXEBM180RTG2)		28 145
52.25			27
50.5			26
48.75	UUT 2e (9XPPDM1G2)		25 98
47			24
45.25			23
43.5	UUT 2j (9PXEBM240RTG2)		22 137
41.75			21
40			20
38.25	UUT 2f (9XPPDM2G2)		19 98
36.5			18
34.75			17
33			16
31.25	UUT 2a (9PX11KG2)		15 173.7
29.5			14
27.75	UUT 2d (9PXTFMR11G2)		13 187
26			12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75	Empty		5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2d: 26"



UUT 31e

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: PPDM
Model Number: 9XPPDM1G2
Serial Number: GN93T03006

S_{DS}	z/h	Highest Passed Test Level						
		R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
25.4	17.3	5.1	98	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31e

Test Report# R15705385-E2-AC156
(UUT2e)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: PPDM
Model Number: 9PXPPDM1G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack			Weight (lbs.)
	Position on rack		Position on rack	
	RMU			
78.5				42
76.75				41
75			UUT2h (MBP6KIECG2)	405.3
73.25				39
71.5				38
69.75			UUT 2g (MBP11KG2)	3710.1
68				36
66.25				35
64.5			UUT 2c (9PXTFMR5G2)	3496
62.75				33
61				32
59.25			UUT 2b (9PX6KIECG2)	3198.3
57.5				30
55.75				29
54			UUT 2i (9PXEBM180RTG2)	28145
52.25				27
50.5			UUT 2e (9PXPPDM1G2)	2698
48.75				25
47				24
45.25				23
43.5			UUT 2j (9PXEBM240RTG2)	22137
41.75				21
40				20
38.25			UUT 2f (9PXPPDM2G2)	1998
36.5				18
34.75				17
33			16	
31.25		UUT 2a (9PX11KG2)	15173.7	
29.5			14	
27.75			13	
26		UUT 2d (9PXTFMR11G2)	12187	
24.25			11	
22.5			10	
20.75			9	
19			8	
17.25			7	
15.5			6	
13.75		Empty	5	
12			4	
10.25			3	
8.5			2	
6.75			1	
5				

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2e: 48.75"



UUT 31f

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: PPDM
Model Number: 9XPPDM2G2
Serial Number: GN94T10005

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights				Lowest Natural Frequency (Hz)		
Depth (in)	Width (in)	Height (in)	Weight (lbs.)	Front-Back	Side-Side	Vertical
27	17.3	5.1	98	N/A	N/A	N/A

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

[illegible]

Pre Compliance

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31f

Test Report# R15705385-E2-AC156
(UUT2f)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: PPDM
Model Number: 9PXPPDM2G2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack				Weight (lbs.)		
	Position on rack			Position on rack			
				RMU			
78.5					42	5.3	
76.75					41		
75				UUT2h (MBP6KIECG2)	40		
73.25					39		
71.5					38		
69.75					37		10.1
68			UUT 2g (MBP11KG2)		36		
66.25					35		
64.5			UUT 2c (9PXTFMR5G2)		34		96
62.75					33		
61					32		
59.25			UUT 2b (9PX6KIECG2)		31		98.3
57.5					30		
55.75					29		
54			UUT 2i (9PXEBM180RTG2)		28		145
52.25					27		
50.5					26		
48.75			UUT 2e (9PXPPDM1G2)		25		98
47					24		
45.25					23		
43.5			UUT 2j (9PXEBM240RTG2)		22		137
41.75					21		
40			UUT 2f (9PXPPDM2G2)		20		98
38.25					19		
36.5					18		
34.75					17		
33		UUT 2a (9PX11KG2)		16	173.7		
31.25				15			
29.5				14			
27.75				13			
26		UUT 2d (9PXTFMR11G2)		12	187		
24.25				11			
22.5				10			
20.75				9			
19				8			
17.25				7			
15.5				6			
13.75			Empty	5			
12				4			
10.25				3			
8.5				2			
6.75				1			
5							

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2f: 38.25"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31g

Test Report# R15705385-E2-AC156
(UUT2g)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: Maintenance Bypass Module

Model Number: MBP11KIG2

Serial Number: GB18T03030

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
4.9	11.2	5.1	10.1

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



UUT was mounted in rack using (3) 12-24 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

List of Included Subcomponents

Description (Manufacturer)

Model

N/A

N/A

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31g

Test Report# R15705385-E2-AC156
(UUT2g)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Maintenance Bypass Module
Model Number: MBP11KIG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
	RMU		
78.5			42
76.75			41
75			40
73.25			39
71.5		UUT2h (MBP6KIECG2)	41
69.75			38
68		UUT 2g (MBP11KG2)	37
66.25			36
64.5		UUT 2c (9PXTFMR5G2)	35
62.75			34
61			33
59.25		UUT 2b (9PX6KIECG2)	32
57.5			31
55.75			30
54		UUT 2i (9PXEBM180RTG2)	29
52.25			28
50.5			27
48.75		UUT 2e (9XPPDM1G2)	26
47			25
45.25			24
43.5		UUT 2j (9PXEBM240RTG2)	23
41.75			22
40			21
38.25		UUT 2f (9XPPDM2G2)	20
36.5			19
34.75			18
33			17
31.25		UUT 2a (9PX11KG2)	16
29.5			15
27.75			14
26		UUT 2d (9PXTFMR11G2)	13
24.25			12
22.5			11
20.75			10
19			9
17.25			8
15.5			7
13.75			6
12			5
10.25			4
8.5			3
6.75			2
5			1

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2g: 69.75"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31h

Test Report# R15705385-E2-AC156
(UUT2h)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: Maintenance Bypass Module

Model Number: MBP6KIECG2

Serial Number: GB19T03004

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
5.1	9.4	5.1	5.3

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



UUT was mounted in rack using (3) 12-24 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

List of Included Subcomponents

Description (Manufacturer)

Model

N/A

N/A

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31h

Test Report# R15705385-E2-AC156
(UUT2h)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Maintenance Bypass Module
Model Number: MBP6KIECG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack			Weight (lbs.)
	Position on rack		Position on rack	
	RMU			
78.5				42
76.75				41
75			UUT2h (MBP6KIECG2)	405.3
73.25				39
71.5				38
69.75		UUT 2g (MBP11KG2)		3710.1
68				36
66.25				35
64.5		UUT 2c (9PXTFMR5G2)		3496
62.75				33
61				32
59.25		UUT 2b (9PX6KIECG2)		3198.3
57.5				30
55.75				29
54		UUT 2i (9PXEBM180RTG2)		28145
52.25				27
50.5				26
48.75		UUT 2e (9XPPDM1G2)		2598
47				24
45.25				23
43.5		UUT 2j (9PXEBM240RTG2)		22137
41.75				21
40				20
38.25		UUT 2f (9XPPDM2G2)		1998
36.5				18
34.75				17
33				16
31.25		UUT 2a (9PX11KG2)		15173.7
29.5				14
27.75				13
26		UUT 2d (9PXTFMR11G2)		12187
24.25				11
22.5				10
20.75				9
19				8
17.25				7
15.5				6
13.75				5
12				4
10.25				3
8.5				2
6.75				1
5				

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2h: 75"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31i

Test Report# R15705385-E2-AC156
(UUT2i)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: Extended Battery Module

Model Number: 9PXEBM180RTG2

Serial Number: GN79R51002

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25	17.3	5.1	145

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

2-Post Seismic Mounting Kit
(Longway)

AC89FE

UUT was mounted in rack using Eaton 2-post Seismic Mounting Kit (P/N: AC89FE) with (4) 12-24 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31i

Test Report# R15705385-E2-AC156
(UUT2i)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM180RTG2

Highest Passed Test Level									
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}	
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86	
3.2	0	1.0	1.0						

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT2h (MBP6KIECG2)	40 5.3
73.25			39
71.5			38
69.75	UUT 2g (MBP11KG2)		37 10.1
68			36
66.25			35
64.5	UUT 2c (9PXTFMR5G2)		34 96
62.75			33
61			32
59.25	UUT 2b (9PX6KIECG2)		31 98.3
57.5			30
55.75			29
54	UUT 2i (9PXEBM180RTG2)		28 145
52.25			27
50.5			26
48.75	UUT 2e (9XPPDM1G2)		25 98
47			24
45.25			23
43.5	UUT 2j (9PXEBM240RTG2)		22 137
41.75			21
40			20
38.25	UUT 2f (9XPPDM2G2)		19 98
36.5			18
34.75			17
33			16
31.25	UUT 2a (9PX11KG2)		15 173.7
29.5			14
27.75			13
26	UUT 2d (9PXTFMR1G2)		12 187
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75	Empty		5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.

Max Rack C.G.: 43"

Max Installation CG Height for UUT2i: 54"

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31j

Test Report# R15705385-E2-AC156
(UUT2j)

Manufacturer: Eaton Corporation

Model Line: 9PX - 2-Post Installation

Product Type: Extended Battery Module

Model Number: 9PXEBM240RTG2

Serial Number: GN80R51003

Highest Passed Test Level

S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
26.4	17.3	5.1	137

Lowest Natural Frequency (Hz)

Front-Back	Side-Side	Vertical
N/A	N/A	N/A

Building Codes

CBC 2025

Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

UUT Mounting Details:



List of Included Subcomponents

Description (Manufacturer)

Model

2-Post Seismic Mounting Kit
(Longway)

AC89FE

UUT was mounted in rack using Eaton 2-post Seismic Mounting Kit (P/N: AC89FE) with (4) 12-24 screws. Unit maintained structural integrity and remained operational per manufacturer requirement following shake table test. All contents were included in the unit per operating conditions.

SPECIAL SEISMIC CERTIFICATION UUT SUMMARY

UUT 31j

Test Report# R15705385-E2-AC156
(UUT2j)

Manufacturer: Eaton Corporation
Model Line: 9PX - 2-Post Installation
Product Type: Extended Battery Module
Model Number: 9PXEBM240RTG2

Highest Passed Test Level

S _{DS}	z/h	R _μ	H _f	I _p	A _{flx-h}	A _{rig-h}	A _{flx-v}	A _{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

2-Post Rack Configuration

Height (in.)	Rack Configuration 31: 2-Post Rack		Weight (lbs.)
	Position on rack	Position on rack	
		RMU	
78.5			42
76.75			41
75		UUT2h (MBP6KIECG2)	40
73.25			39
71.5			38
69.75	UUT 2g (MBP11KG2)		37
68			36
66.25			35
64.5	UUT 2c (9PXTFMR5G2)		34
62.75			33
61			32
59.25	UUT 2b (9PX6KIECG2)		31
57.5			30
55.75			29
54	UUT 2i (9PXEBM180RTG2)		28
52.25			27
50.5			26
48.75	UUT 2e (9PXPPDM1G2)		25
47			24
45.25	UUT 2j (9PXEBM240RTG2)		23
43.5			22
41.75			21
40			20
38.25	UUT 2f (9PXPPDM2G2)		19
36.5			18
34.75			17
33	UUT 2a (9PX11KG2)		16
31.25			15
29.5			14
27.75			13
26	UUT 2d (9PXTFMR11G2)		12
24.25			11
22.5			10
20.75			9
19			8
17.25			7
15.5			6
13.75			5
12			4
10.25			3
8.5			2
6.75			1
5			

Cooper B-line 2-post Rack Mounting Summary

Rack Configuration Total Weight (Including rack): 1295 lbs.
Max Rack C.G.: 43"
Max Installation CG Height for UUT2j: 55.75"



UUT 32

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: UPS
Model Number: 9PX11KG2
Serial Number: GN75R51013

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
28.5	6.75	17.3	173.7

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

UUT Mounting Details:

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 33

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: UPS
Model Number: 9PX6KIECG2
Serial Number: GN73T10014

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

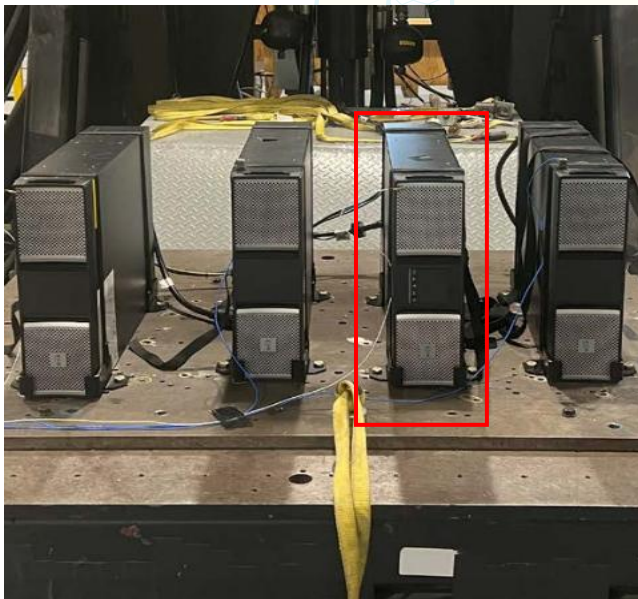
Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
26.9	5.1	17.3	98.3

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	>33.3	>33.3

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:

List of Included Subcomponents

[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 34

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: Transformer
Model Number: 9PXTFMR5G2
Serial Number: GN91T03004

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25.4	5.1	17.3	96

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	11.9	>33.3

CBC 2025

UUT Mounting Details:

List of Included Subcomponents

UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-103001016) with (4) 1/2" 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.



UUT 35

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: Transformer
Model Number: 9PXTFMR11G2
Serial Number: GN92T03005

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
28	5.1	17.3	187

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	8.3	>33.3

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:

List of Included Subcomponents

[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 36

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: PPDM
Model Number: 9PXPPDM1G2
Serial Number: GN93T03006

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

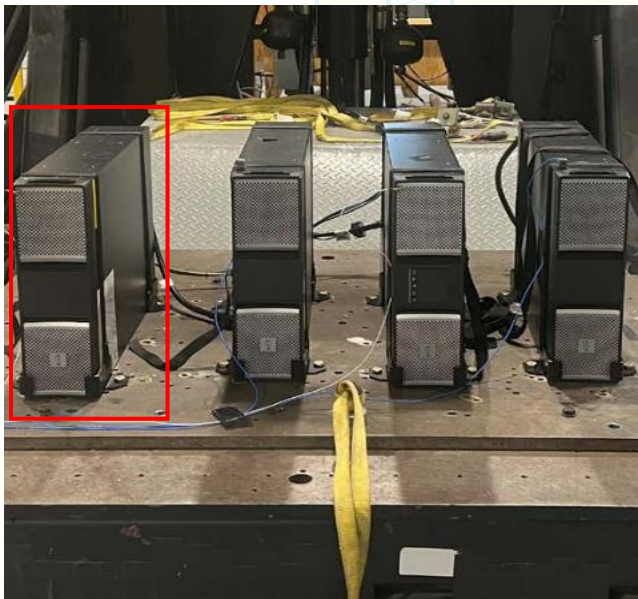
Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25.4	5.1	17.3	98

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	11.4	>33.3

Building Codes	Test Criteria	Construction/Option Summary
CBC 2025	ICC-ES AC156	Carbon steel frame and case with plastic faceplate

UUT Mounting Details:

List of Included Subcomponents

[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 37

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: PPDM
Model Number: 9PXPPDM2G2
Serial Number: GN94T10005

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
27	5.1	17.3	98

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	10.5	>33.3

UUT Mounting Details:

List of Included Subcomponents



UUT was rigid base mounted using Eaton Seismic Mounting Kit (P-103001016) with (4) 1/2" Grade 8 bolts and washers.

Pre Compliance



UUT 38

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: UPS
Model Number: 9PXEbm180RTG2
Serial Number: GN79R51002

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
25	5.1	17.3	145

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	6.1	>33.3

Building Codes

CBC 2025

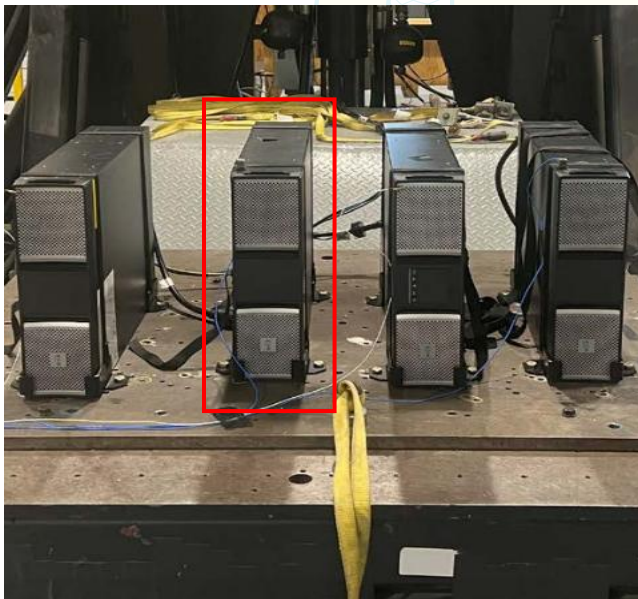
Test Criteria

ICC-ES AC156

Construction/Option Summary

Carbon steel frame and case with plastic faceplate

List of Included Subcomponents

[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 39

Manufacturer: Eaton Corporation
Model Line: 9PX/9SX/5SC
Product Type: UPS
Model Number: 9PXEbm240RTG2
Serial Number: GN80R51003

		Highest Passed Test Level						
S_{DS}	z/h	R_{μ}	H_f	I_p	A_{flx-h}	A_{rig-h}	A_{flx-v}	A_{rig-v}
2.0	1	1.3	3.5	1.5	3.20	2.15	2.14	0.86
3.2	0	1.0	1.0					

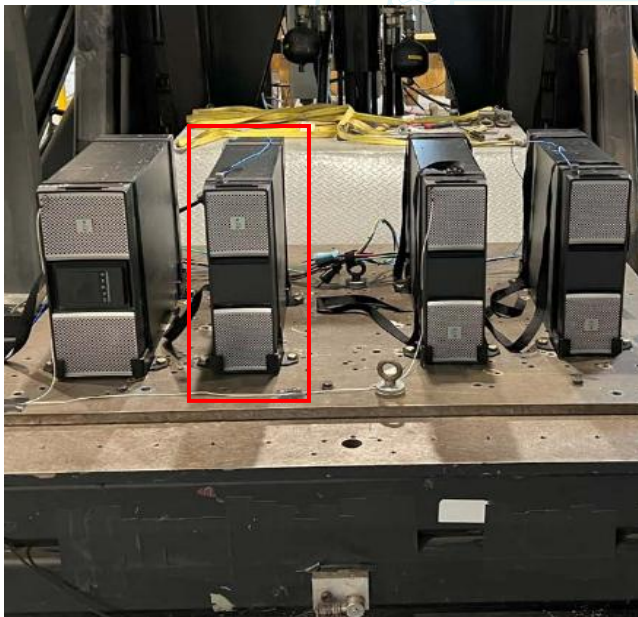
Dimensions/Weights			
Depth (in)	Width (in)	Height (in)	Weight (lbs.)
26.4	5.1	17.3	137

Lowest Natural Frequency (Hz)		
Front-Back	Side-Side	Vertical
>33.3	5.2	>33.3

CBC 2025

UUT Mounting Details:

List of Included Subcomponents

[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.