



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

**APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

APPLICATION #: OSP – 0144-10

OSHPD Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Schneider Electric IT Division

Manufacturer's Technical Representative: Jose Muniz

Mailing Address: Via de la Innovacion #408, Parque PIIT Apodaca, NL. CP 66628 Mexico

Telephone: +52 81 4739 2000 x82869 Email: Jose.Muniz@schneider-electric.com

Product Information

Product Name: Symmetra PX 100kW

Product Type: Uninterrupted Power Supply (UPS)

Product Model Number: See Certified Product Table attached

(List all unique product identification numbers and/or part numbers)

General Description: Symmetra PX 100kW UPS units consist of power modules, power distribution units (with or without Transformers), battery frames, and feed frames. All section types have one available size. InfraStrucXure RPP (remote power panel) units are included as optional equipment. Seismic enhancements made to the UUTs & modifications required to address anomalies observed during the tests shall be incorporated into the production units.

Mounting Description: Rigidly mounted to floor

Applicant Information

Applicant Company Name: Schneider Electric IT Division

Contact Person: Jose Muniz

Mailing Address: Via de la Innovacion #408, Parque PIIT Apodaca, NL. CP 66628 Mexico

Telephone: +52 81 4739 2000 x82869 Email: Jose.Muniz@schneider-electric.com

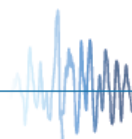
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant:  Date: 12/6/2016

Title: Regulatory Compliance Engineer Company Name: Schneider Electric IT Division

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-759 (REV 12/16/15)



OSHPD

Page 1 of 3



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

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

Company Name: Forell/Elsesser Engineers, Inc.
Name: Marco Scanu, SE California License Number: S4454
Mailing Address: 160 Pine St., 6th Flr., San Francisco, CA 94111
Telephone: (415) 837-0700 Email: m.scanu@forell.com

Supports and Attachments Preapproval

- ☐ Supports and attachments are preapproved under OPM-
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)
☒ Supports and attachments are not preapproved

Certification Method

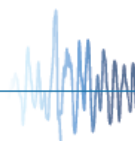
- ☒ Testing in accordance with: ☒ ICC-ES AC156
☐ Other (Please Specify): _____

Testing Laboratory 1

Company Name: Wyle Laboratories
Contact Name: Rod Thornberry
Mailing Address: 7800 Hwy 20, Huntsville AL 35806
Telephone: (256) 837-4411 Email: _____

Testing Laboratory 2

Company Name: Dynamic Certification Laboratories
Contact Name: Kelly Laplace
Mailing Address: 1315 Greg Street, Suite 109, Sparks, NV 89431
Telephone: (775) 358-5085 Email: kelly@shaketest.com





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Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: ☒ Yes ☐ No

Design Basis of Equipment or Components (F_p/W_p) = 1.04

S_{DS} (Design spectral response acceleration at short period, g) = 1.39

a_p (In-structure equipment or component amplification factor) = 2.5

R_p (Equipment or component response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = 1.0

Equipment or Component Natural Frequencies (Hz) = See attachment, UUT Summary Sheets

Overall dimensions and weight (or range thereof) = See attachment, Certified Products Table

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: ☐ Yes ☒ No

Design Basis of Equipment or Components (V/W) = _____

S_{DS} (Design spectral response acceleration at short period, g) = _____

S_{D1} (Design spectral response acceleration at 1 second period, g) = _____

R (Response modification coefficient) = _____

Ω_0 (System overstrength factor) = _____

C_d (Deflection amplification factor) = _____

I_p (Importance factor) = 1.5

Height to Center of Gravity above base = _____

Equipment or Component Natural Frequencies (Hz) = _____

Overall dimensions and weight (or range thereof) = _____

Tank(s) designed in accordance with ASME BPVC, 2015: ☐ Yes ☒ No

List of Attachments Supporting Special Seismic Certification

☒ Test Report(s) ☐ Drawings ☒ Calculations ☒ Manufacturer's Catalog

☒ Other(s) (Please Specify): Certified Products Table, Certified Subcomponents Table, UUT Summary Sheets

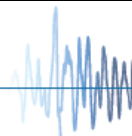
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2022

Signature:  Date: 1/9/2017

Print Name: M. R. Karim Title: SHFR

Special Seismic Certification Valid Up to : S_{DS} (g) = 1.39 z/h = 1.0

Condition of Approval (if applicable): _____



Schneider Electric IT Division - Symmetra PX 100kW UPS
I. Certified Product Table

System Units	Width	Depth	Height	Max. Weight	Construction Material ¹	Model Number	Testing Status
UPS Power Module Frame	23.6 in	42.1 in	79.2 in	805 lbs	16 - 14 GA CFS, NEMA 1	SYCF100KF	57930R10 UUT1
				1302 lbs			57930R10 UUT2
				1313 lbs			Extrapolated
Battery Frame Enclosure	23.6 in	42.1 in	79.2 in	929 lbs	16 - 14 GA CFS, NEMA 1	SYCFXR9	57930R10 UUT1
				2758 lbs			57930R10 UUT2
				2779 lbs			Extrapolated
Modular RPP, 144kVA, 208V	11.8 in	42.1 in	79.2 in	330 lbs	16 - 14 GA CFS, NEMA 1	PDPM144F ³	57930R10 UUT3a
Modular RPP, 277kVA, 400V3	11.8 in	42.1 in	79.2 in	360 lbs	16 - 14 GA CFS, NEMA 1	PDPM277H ³	Interpolated
Modular RPP, 266kVA, 480:415V	11.8 in	42.1 in	79.2 in	1210 lbs	16 - 14 GA CFS, NEMA 1	PDPM288G6H ³	57930R10 UUT3b
Symmetra PX100 MBP, 100kVA, 208V	11.8 in	42.1 in	79.2 in	380 lbs	16 - 14 GA CFS, NEMA 1	SYMBP100F	Interpolated
Symmetra PX100 Bottom Feed Side Car, 100kVA	11.8 in	42.1 in	79.2 in	327 lbs	16 - 14 GA CFS, NEMA 1	PDPM100SC	57930R10 UUT2
Modular PDU, 100kVA, 208V, MBP	23.6 in	42.1 in	79.2 in	900 lbs	16 - 14 GA CFS, NEMA 1	PDPM100F-M	57930R10 UUT1
Modular PDU, 100kVA, 208:208V, MBP	23.6 in	42.1 in	79.2 in	1954 lbs	16 - 14 GA CFS, NEMA 1	PDPM100F6F-M	Extrapolated
Modular PDU, 100kVA, 480:208V, MBP	23.6 in	42.1 in	79.2 in	1920 lbs	16 - 14 GA CFS, NEMA 1	PDPM100G6F-M	57930R10 UUT2
Modular PDU, 100kVA, 600:208V, MBP	23.6 in	42.1 in	79.2 in	1954 lbs	16 - 14 GA CFS, NEMA 1	PDPM100L6F-M	Extrapolated
Modular PDU, 100kVA, 480:208V, MBP	23.6 in	42.1 in	79.2 in	1954 lbs	16 - 14 GA CFS, NEMA 1	PDPM100G6F-M	Extrapolated

1. CFS=Cold Formed Carbon Steel

2. All units are rigidly floor mounted

3. RPP units were tested in a 47.2"-wide multi-section sample and are not intended to be installed alone.

Schneider Electric IT Division - Symmetra PX 100kW UPS

II. Certified Subcomponents Table

Internal Components	Manufacturer	Part #	Testing Status
Frames			
12"Wx42"Dx78"H	Schneider Electric	870-14174D	57930R10 UUT-3
		0M-815185A	Interpolated
		0G-PDPM100SC	57930R10 UUT-2
24"Wx42"Dx79"H	Schneider Electric	0G-SYCF100KF	57930R10 UUT-1, 57930R10 UUT-2
		0G-SYCFXR9	57930R10 UUT-1, 57930R10 UUT-2
		0M-11082A	57930R10 UUT-1
		0M-10702	57930R10 UUT-2
		0G-AR3100	57930R10 UUT-3
Power Distribution			
Busbar 400A (RPP)	Schneider Electric	0M-9744	57930R10 UUT-1, 57930R10 UUT-2, 57930R10 UUT-3
		0M-8747	57930R10 UUT-3, 31152-1601 UUT-1
Protection and Disconnections			
Circuit Breaker, 3P, 250A	Square D	530-2454	Extrapolated
Circuit Breaker, 3P, 400A	Square D	530-2452	57930R10 UUT-1, 57930R10 UUT-2, 31152-1601 UUT-1
		530-2552	57930R10 UUT-2
		530-1913	57930R10 UUT-3
Circuit Breaker, 4P, 400A	Square D	530-2551	57930R10 UUT-1, 57930R10 UUT-2
Circuit Breaker, 3P, 600A	Square D	530-2549	57930R10 UUT-1, 57930R10 UUT-2, 31152-1601 UUT-1
Circuit Breaker, 4P, 600A	Square D	530-2550	31152-1601 UUT-1
Power Distrubition Modules			
PDM 20A	Schneider Electric	PDM3520	57930R10 UUT-1, 57930R10 UUT-3, 31152-1601 UUT-1
		PDM1320	57930R10 UUT-2, 57930R10 UUT-3, 31152-1601 UUT-1
PDM 30A	Schneider Electric	PDM2330	Interpolated
		PDM3530	Interpolated
PDM 40A	Schneider Electric	PDM3540	Interpolated
PDM 50A	Schneider Electric	PDM3450	Interpolated
PDM 60A	Schneider Electric	PDM3460	57930R10 UUT-2, 57930R10 UUT-3

Schneider Electric IT Division - Symmetra PX 100kW UPS

II. Certified Subcomponents Table

Internal Components	Manufacturer	Part #	Testing Status
Transformers			
LVT, 208:208, 150kVA	Philippine Electric Corporation (PhEC)	430-0664	Interpolated
LVT, 480:208, 150kVA	Philippine Electric Corporation (PhEC)	430-0663	57930R10 UUT-2
		430-0361A	Interpolated
LVT, 600:208, 150kVA	Philippine Electric Corporation (PhEC)	430-0662	Interpolated
AUTOTRANSFORMER, 480:415, 288kVA	Philippine Electric Corporation (PhEC)	430-0462	57930R10 UUT-3
LVT, 208:208, 60kVA	Schneider Electric	430-10064	31152-1601 UUT-2
LVT, 208:208, 150kVA	Schneider Electric	430-10067	Interpolated
LVT, 480:208, 150kVA	Schneider Electric	430-10063	Interpolated
LVT, 600:208, 150kVA	Schneider Electric	430-92022	Interpolated
LVT, 480:415, 175kVA	Schneider Electric	430-10068	31152-1601 UUT-1
Miscellaneous (Power)			
Battery unit	Schneider Electric	SYBTU1-PLP	57930R10 UUT-1, 57930R10 UUT-2
Battery unit	Schneider Electric	SYBTU2-PLP	Extrapolated ¹
Power Module 10kVA	Schneider Electric	OG-SYPM10KF	57930R10 UUT-1, 57930R10 UUT-2
Power Module 10kVA	Schneider Electric	OG-SYPM10KF2	Extrapolated ¹
Static Bypass Switch	Schneider Electric	OG-SYSW100KF	57930R10 UUT-1, 57930R10 UUT-2
SWITCH GEAR MONITOR ASSEMBLY	Schneider Electric	OG-SYCSGMON	57930R10 UUT-1, 57930R10 UUT-2
Battery Shelf	Schneider Electric	870-13409	57930R10 UUT-1, 57930R10 UUT-2
Miscellaneous (Control)			
Display Assy. (122 X 32 dot)	Schneider Electric	OG-9233	57930R10 UUT-3 31152-1601 UUT-1
PCB Type XRDP MR1	Schneider Electric	OG-9354	57930R10 UUT-1, 57930R10 UUT-2
PCB Type XRDP MR1	Schneider Electric	OG-9354-01	57930R10 UUT-3
PCB Metering + PS	Schneider Electric	OG-SY2CSPS	57930R10 UUT-1, 57930R10 UUT-2
GENERIC XR COMM ASSY PX2	SCHNEIDER ELECTRIC	OG-SY2CXRCOM	57930R10 UUT-1, 57930R10 UUT-2
INTELLIGENCE MOD PX2 208V	SCHNEIDER ELECTRIC	OG-SYMIM16-KF	57930R10 UUT-1, 57930R10 UUT-2
BATTERY MONITOR ASSEMBLY PX2	SCHNEIDER ELECTRIC	OG-SYC2BTMON	57930R10 UUT-1, 57930R10 UUT-2
PCB TYPE SYM PDU	Schneider Electric	OP3464	57930R10 UUT-1, 57930R10 UUT-2
3Pole, 5A Control Breaker	Schneider Electric	530-1136	57930R10 UUT-3
1Pole, 5A Control Breaker	Schneider Electric	530-1497	57930R10 UUT-1, 57930R10 UUT-2, 31152-1601 UUT-1
240VAC, 50/60Hz (230CFM) Fan	EBM	490-2187	57930R10 UUT-2

Note 1: Structurally identical to tested unit except for branding.

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

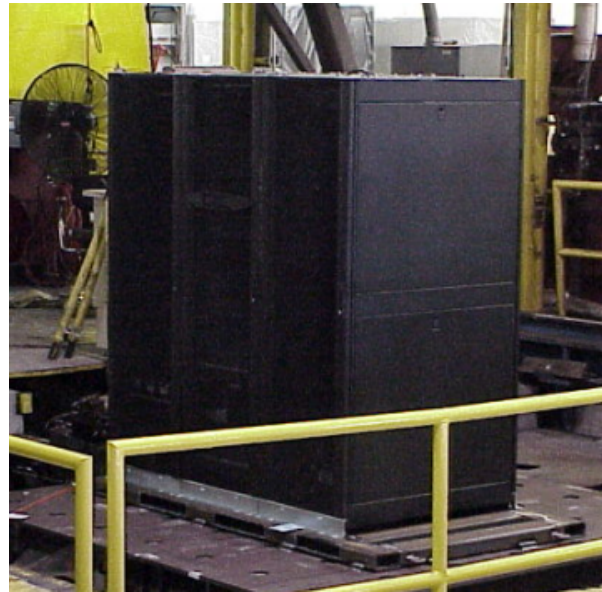
Date: 1/2/2017

Test Report 57930R10 – UUT 1

Symmetra PX 100kW (min. Loading)

70"W x 43"D x 79" H, 2,634 lbs.

Floor mounted using: (24) ½" - 13 Grade 5 bolts



System Unit	Width	Depth	Height	Weight	Material	Component No.
UPS Power Module Frame	23.6 in	42.1 in	79.2 in	805 lbs	16-14 GA CFS	SYCF100KF
Battery Frame Enclosure	23.6 in	42.1 in	79.2 in	929 lbs	16-14 GA CFS	SYCFXR9
Power Distribution Unit	23.6 in	42.1 in	79.2 in	900 lbs	16-14 GA CFS	PDPM100F-M

CFS=Cold Formed Carbon Steel

Building Code	Test Criteria	S _{DS} (g)	z/h	Horizontal		Vertical	
				A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-H} (g)
CBC 2016	ICC-ES AC 156	1.45	1	2.32	1.74	0.97	0.39
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.				
13.0	6.8	15					

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

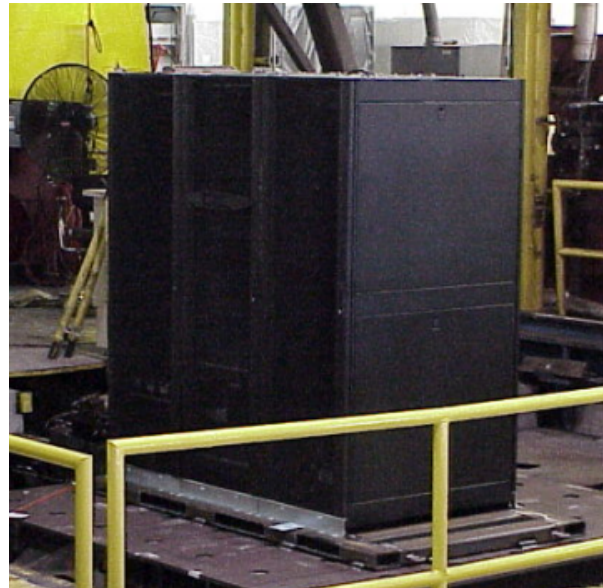
Date: 1/2/2017

Test Report 57930R10 – UUT 1, cont'd

Symmetra PX 100kW (min. Loading)

70"W x 43"D x 79" H, 2,634 lbs.

Floor mounted using: (24) ½" - 13 Grade 5 bolts



Internal Components	Manufacturer	Part #
FRAME 1.6mm (16GA), 79Hx24Wx42D in SSW / BYPASS ASSEMBLY	Schneider Electric	0G-SYCF100KF
SWITCH GEAR MONITOR ASSEMBLY	Schneider Electric	0G-SYSW100KF
PCB Type XRDP MR1	Schneider Electric	0G-SYCSGMON
PCB Metering + PS	Schneider Electric	0G-9354
GENERIC XR COMM ASSY PX2	Schneider Electric	0G-SY2CSPS
INTELLIGENCE MOD PX2 208V	Schneider Electric	0G-SY2CXRCOM
SYMMETRA PX 10kW POWER MODULE	Schneider Electric	0G-SYMIM16-KF
FRAME 2.0mm (14 GA), 79Hx24Wx42D in	Schneider Electric	SYPM10KF
BATTERY MONITOR ASSEMBLY PX2	Schneider Electric	0G-SYCFXR9
SYMMETRA PX BATTERY UNIT	Schneider Electric	0G-SYC2BTMON
Battery Shelf	Schneider Electric	SYBTU1-PLP
FRAME 2.6mm (12 GA), 78Hx24Wx42D	Schneider Electric	870-13409
BUSBAR 400A (RPP)	Schneider Electric	0M-11082A
CIRCUIT BREAKER 4P, 400A	Schneider Electric	0M-9744
CIRCUIT BREAKER 3P, 600A	Square D	530-2551
CIRCUIT BREAKER 3P, 400A	Square D	530-2549
PCB TYPE SYM PDU	Square D	530-2452
CONTROL BREAKER 1P, 5A	Schneider Electric	0P3464
PDM 20A	Schneider Electric	530-1497
	Schneider Electric	PDM3520

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

Date: 1/2/2017

Test Report 57930R10 – UUT 2

Symmetra PX 100kW (max. Loading)

83"W x 43"D x 79" H, 6,307 lbs.

Floor mounted using: (28) ½"- 13 Grade 5 bolts



System Unit	Width	Depth	Height	Weight	Material	Component No.
UPS Power Module Frame	23.6 in	42.1 in	79.2 in	1302 lbs	16-14 GA CFS	SYCF100KF
Battery Frame Enclosure	23.6 in	42.1 in	79.2 in	2758 lbs	16-14 GA CFS	SYCFXR9
Power Distribution Unit	23.6 in	42.1 in	79.2 in	1920 lbs	16-14 GA CFS	PDPM100G6F-M
Bottom Feed	11.8 in	42.1 in	79.2 in	327 lbs	16-14 GA CFS	PDPM100SC

Building Code	Test Criteria	S _{DS} (g)	z/h	Horizontal		Vertical	
				A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-H} (g)
CBC 2016	ICC-ES AC 156	1.63	1	2.61	1.96	1.09	0.44
Natural Frequencies		Test Results					
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.				
6.8	4.5	19					

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

Date: 1/2/2017

Test Report 57930R10 – UUT 2, cont'd

Symmetra PX 100kW (max. Loading)

83"W x 43"D x 79" H, 6,307 lbs.

Floor mounted using: (28) ½"- 13 Grade 5 bolts



Internal Components	Manufacturer	Part #
FRAME 1.6mm (16GA), 79Hx24Wx42D in	Schneider Electric	0G-SYCF100KF
SSW / BYPASS ASSEMBLY	Schneider Electric	0G-SYSW100KF
SWITCH GEAR MONITOR ASSEMBLY	Schneider Electric	0G-SYCSGMON
PCB Type XRDP MR1	Schneider Electric	0G-9354
PCB Metering + PS	Schneider Electric	0G-SY2CSPS
GENERIC XR COMM ASSY PX2	Schneider Electric	0G-SY2CXRCOM
INTELLIGENCE MOD PX2 208V	Schneider Electric	0G-SYMIM16-KF
SYMMETRA PX 10kW POWER MODULE	Schneider Electric	0G-SYPM10KF
FRAME 2.0mm (14 GA), 79Hx24Wx42D in	Schneider Electric	0G-SYCFXR9
BATTERY MONITOR ASSEMBLY PX2	Schneider Electric	0G-SYC2BTMON
APC SYMMETRA PX BATTERY UNIT	Schneider Electric	SYBTU1-PLP
Battery Shelf	Schneider Electric	870-13409
FRAME 2.6mm (12 GA), 78Hx24Wx42D	Schneider Electric	0M-10702
LV TRANSFORMER 480:208, 150kVA	Ph.E.C.	430-0663
BUSBAR 400A (RPP)	Schneider Electric	0M-9744
CIRCUIT BREAKER 4P, 400A	Square D	530-2551
CIRCUIT BREAKER 3P, 400A	Square D	530-2552
CIRCUIT BREAKER 3P, 600A	Square D	530-2549
CIRCUIT BREAKER 3P, 400A	Square D	530-2452
PCB TYPE SYM PDU	Schneider Electric	0P3464
FAN 240VAC, 50/60Hz (230CFM)	EBM	490-2187
CONTROL BREAKER 1P, 5A	Schneider Electric	530-1497
PDM 20A	Schneider Electric	PDM1320
PDM 60A	Schneider Electric	PDM3460
FRAME 1.52mm (16GA), 78Hx12Wx42D	Schneider Electric	0G-PDPM100SC

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

Date: 1/2/2017

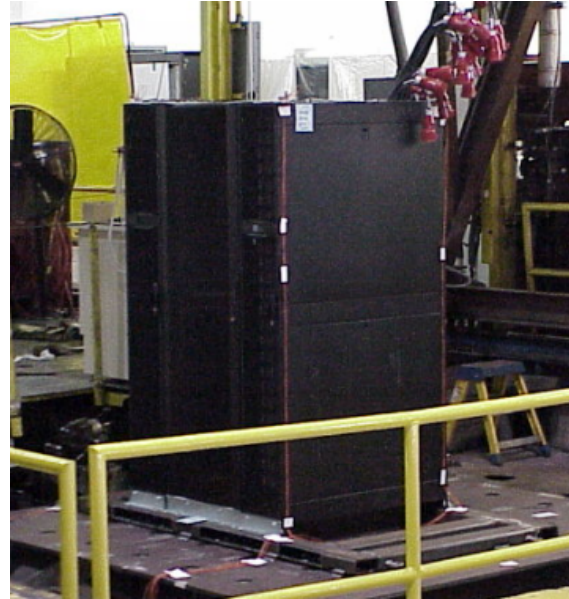
Test Report 57930R10 – UUT 3

InfraStruXure RPP

47"W x 44"D x 79" H, 1738 lbs.

Floor mounted using: (16) ½"- 13 Grade 5 bolts

UUT3a on Left, UUT3b on Right



System Unit	Width	Depth	Height	Weight	Material	Component No.
Remote Power Panel	11.8 in	42.1 in	79.2 in	330 lbs	16-14 GA CFS	PDPM144F
AR3100 Cabinet	23.6 in	42.1 in	79.2 in	198 lbs	16-14 GA CFS	AR3100 Cabinet
Remote Power Panel	11.8 in	42.1 in	79.2 in	1210 lbs	16-14 GA CFS	PDPM288G6H

Building Code	Test Criteria	S _{DS} (g)	z/h	Horizontal		Vertical	
				A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-H} (g)
CBC 2016	ICC-ES AC 156	1.41	1	2.26	1.69	0.94	0.38
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.				
9.6	3.8	31.0					

Internal Components	Manufacturer	Part #
FRAME 1.6mm (16GA), 78Hx12Wx42D	Schneider Electric	870-14174D
BUSBAR 400A (RPP)	Schneider Electric	0M-9744
DISPLAY ASSY. (122 X 32 dot)	Schneider Electric	0G-9233
PCB TYPE XRDP MR1	Schneider Electric	0G-9354-01
CONTROL BREAKER 3P, 5A	Schneider Electric	530-1136
PDM 20A	Schneider Electric	PDM3520
FRAME 1.6mm (16GA), 79Hx24Wx42D in	Schneider Electric	0G-AR3100
AUTOTRANSFORMER, 480:415, 288kVA	Philippine Electric Corporation (PhEC)	430-0462
BUSBAR 400A (RPP)	Schneider Electric	0M-8747
CIRCUIT BREAKER, 3P, 400A	Square D	530-1913
PDM 20A	Schneider Electric	PDM1320
PDM 60A	Schneider Electric	PDM3460

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

Date: 1/2/2017

Test Report 31152-1601 – UUT1

Power Distribution Unit 175kVA PDPM175G6H

24"W x 42"D x 79" H, 2000 lbs.

Floor mounted using: (8) ½" diameter Grade 5 bolts



Building Code	Test Criteria	S _{DS} (g)	z/h	Horizontal		Vertical	
				A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-H} (g)
CBC 2016	ICC-ES AC 156	1.39	1	2.22	1.67	0.93	0.37
Natural Frequencies		Test Results					
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.				
11.5	5.5	27					

Subcomponents	Manufacturer	Part #
24"X42"x78"H Frame	Schneider Electric	0M-814974
Busbar assembly	Schneider Electric	0M-8747
Circuit breaker 600A	Schneider Electric	530-2550
Circuit breaker 400A	Schneider Electric	530-2452
Circuit breaker 600A	Schneider Electric	530-2549
Xfmr 175kVA 480D 415Y	Schneider Electric	430-10068
Display assembly	Schneider Electric	0G-9233
PCB Type XRDP MR2	Schneider Electric	0G-9357
Circuit breaker 1Pole, 5A	Schneider Electric	530-1497
Fan 240VAC, 50/60Hz (2800-3300rpm)	EBM Industries, Inc	490-0181
PDM 20A	Schneider Electric	PDM3520
PDM 20A	Schneider Electric	PDM1320
Seismic kit	Schneider Electric	SYOPT600

OSP APPLICATION
Schneider Electric- Symmetra PX 100kW UPS
III. UUT Summary Sheets

Date: 1/2/2017

Test Report 31152-1601 – UUT2

Power Distribution Unit 60kVA PD60F6FK1

24"W x 36"D x 81" H, 1070 lbs.

Floor mounted using: (4) ½" diameter Grade 5 bolts



Building Code	Test Criteria	S _{DS} (g)	z/h	Horizontal		Vertical	
				A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-H} (g)
CBC 2016	ICC-ES AC 156	1.98	1	3.17	2.38	1.33	0.53
Natural Frequencies		Test Results					
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test. UUT full of contents during testing.				
4.5	4.5	19.5					

Subcomponents	Manufacturer	Part #
23.5"X34.5"x81.5"H Frame	Schneider Electric	0M-1326B
Panel board 42-poles, 225A	Schneider Electric	530-2189
Xfmr 60kVA 208D 208Y	Schneider Electric	430-10064
Circuit breaker 175A	ABB	530-0306
Switch 225A	ABB	540-0083A
Display assembly	Schneider Electric	0G-9215RM-A
Circuit breaker 1Pole, 15A	Airpax	530-0039-001
PCB Type XPDU MR1 + PS	Schneider Electric	0M-5103
Seismic kit	Schneider Electric	SYOPT015