

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC	OFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #: OSP-0107
HCAI Special Seismic Certification Preapproval (OSP)	
Type: New X Renewal	
Manufacturer Information	
Manufacturer: Mitsubishi Electric Power Products, Inc.	
Manufacturer's Technical Representative: Robert Durbin	
Mailing Address: 530 Keystone Drive, Warrendale, PA 15086	
Telephone: (724) 778-5217 Email: robert.durbin@n	neppi.com
Product Information	Mp
Product Name: UPS and Batteries	
Product Type: UPS	2
Product Model Number: 9900A, 9900B Series UPS (See Attachment)	in i
General Description: Uninterruptible Power Supply ohammad Karin	m 📖 O
Mounting Description: Rigid, Floor Mounted	
Tested Seismic Enhancements: None DATE: 08/01/2022	0
	0
Applicant Information	
Applicant Company Name: TRU Compliance, by Structural Integrity Association	ates, Inc.
Contact Person: Galen Reid	
Mailing Address: 233 SW Wilson Suite 101, Bend, OR 97702	
Telephone: (541) 604-7225 Email: greid@structint.	com
Title: Director, TRU Compliance	

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



HCA



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

California Licensed Structural Eng	ineer Responsible for	the Enginee	ering and Test Repo	rt(s)
Company Name: STRUCTURAL INTEG	RITY ASSOCIATES, INC	*-		
Name: Andrew Coughlin	Ca	alifornia Licens	e Number: S6082	
Mailing Address: 5215 Hellyer Ave, Suit	e 101, San Jose, CA 951:	38-1025		
Telephone: (415) 635-8461	Email: acoug	hlin@structint.c	com	
Certification Method				
GR-63-Core X ICC-ES	S AC156	EE 344	IEEE 693	NEBS 3
Other (Please Specify):				
	FORCOL	DECO		
Testing Laboratory	ED	Mp		
Company Name: CLARK TESTING LAB	ORATORY, INC.			
Contact Person: Suzanne Mazon			2	
Mailing Address: 1801 Route 51, Jeffers	son Hills PA 15025	107	m	
Telephone: (412) 387-1001	By Email: smazo	on@clarktesting	g.com	
	DATE: 08/0 ⁻	1/2022	5	
7	DATE: 08/0 RORNIA BUILD		0	
	PN		×	
	BUILD	ING		

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

Seismic Parameters

Design	Basis of Equipment or Components	(Fp/Wp) = 1.44							
S	SDS (Design spectral response accele	eration at short period, g) = 2.0							
а	ap (Amplification factor) =	1.0							
F	Rp (Response modification factor) =	2.5							
C	Ωo (System overstrength factor) =	2.0							
١	p (Importance factor) =	1.5							
Z	z/h (Height ratio factor) =	- 1 and 0							
Ν	Natural frequencies (Hz) =	See Attachment							
C	Overall dimensions and weight =	See Attachment ODF							
		JED MA							
HCAI /	Approval (For Office Use Only) -	Approval Expires on 08/01/2028	NY I						
Date:	8/1/2022	OSP-0107	G						
Name:	Mohammad Karim		Title:	Supervisor, Health Facilities					
Special	I Seismic Certification Valid Up to: SE	z/h =	See Above						
Conditi	on of Approval (if applicable)	DATE 00/04/0000							

ROPNIA BUIL

DING CODE

2000560-CR-001-R1

TRU
COMPLIANCE

TABLE 1

Mitsubishi Electrical Power Products, Inc.	
9900A, 9900B UPS	

Certified Product Construction Summary:

Painted carbon steel enclosure. Certified units must be constructed in compliance with construction standards and detailing at time of testing.

Certified Options Summary:

Input/Output VAC: 480/480

Mounting Configuration:

Base mounted - rigid

Manufacturer:

Model Line:

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

lding Code: CBC		Certificati	nensions	S DS=	2.0 g Z/	/h=0.0	= 1.5
Model Line	Model	Depth -	Width	Height	Weight (lb)	Notes	υυτ
	M9900A- <mark>E-080</mark> -480-480-N	32.8	27.6	80.6	772		Extra
	M9900A <mark>-</mark> E-080-480-480/	10 ^{32,8}	27.6	80.6	772		Extra
	99AE-EA0080KA26	32.8	27.6 01/202	80.6	772	Same as E-080-480-480 Beige - Factory Label	Extra
	99AE-EA0080K	32.8	27.6	80.6	5772	Same as E-080-480-480 Beige - Field Label	Extra
	99AE-EB0080KA26	32.8	27.6	80.6	772	Same as E-080-480-480 Black - Factory Label	Extra
	99AE-EB0080K	B (32.8	0127.65	80.6	772	Same as E-080-480-480 Black - Field Label	Extra
	M9900A-A-080-480-480	32.8	27.6	80.6	855		1
	M9900A-E-100-480-480-N	32.8	27.6	80.6	772		Inter
9900A UPS	M9900A-E-100-480-480	32.8	27.6	80.6	772		Inter
	99AE-EA0100KA26	32.8	27.6	80.6	772	Same as E-100-480-480 Beige - Factory Label	Inter
	99AE-EA0100K	32.8	27.6	80.6	772	Same as E-100-480-480 Beige - Field Label	Inter
-	99AE-EB0100KA26	32.8	27.6	80.6	772	Same as E-100-480-480 Black - Factory Label	Inter
	99AE-EB0100K	32.8	27.6	80.6	772	Same as E-100-480-480 Black - Field Label	Inter
	M9900A-A-100-480-480	32.8	27.6	80.6	855		Inter
	M9900A-E-150-480-480-N	32.8	27.6	80.6	860		Inter
	M9900A-E-150-480-480	32.8	27.6	80.6	860		Inter

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Manufacturer:	Mitsubishi Electrical Power Proc	ducts, Inc.				TABLE	1
Model Line:	9900A, 9900B UPS					IADLE	L
Certified Product C	Construction Summary:						
	l enclosure. Certified units must b	e construc	ted in con	npliance w	ith constru	uction standards and det	ailing at
time of testing.							
Certified Options S							
Input/Output VAC: 4	80/480						
Mounting Configur							
Base mounted - rigio		R CO	DEC				
Note: Installed mounting	configuration must be of similar configur	ation and equ	ivalent stre	-4A	iness to those		
Building Code: CBC	2019 Seismic	Certificati	on Limits		2.0 g Z/		= 1.5
Model Line	Model	Dir	nensions	(in)	Weight	Notes	υυτ
Model Lille	Moder	Depth -	Width	Height	(lb)	Notes	001
	99AE-EA0150KA26	32.8 Johamn	27.6 nad Ka	80.6	860	Same as E-150-480-480 Beige - Factory Label	Interp.
	99AE-EA0150K	32.8	27.6	80.6	860	Same as E-150-480-480 Beige - Field Label	Interp.
	99AE-EB0150KA26	32.8	27.6	80.6	860	Same as E-150-480-480 Black - Factory Label	Interp.
	99AE-EB0150K	32.8	27.6	80.6	860	Same as E-150-480-480 Black - Field Label	Interp.
	M9900A-A-150-480-480	32.8	35.4	80.6	1,160		Interp.
	M9900A-E-160-480-480-N	32.8_	27.6	80.6	860		Interp.
	M9900A-E-160-480-480	32.8	27.6	80.6	860		Interp.
9900A UPS	99AE-EA0160KA26	32.8	27.6	80.6	860	Same as E-160-480-480 Beige - Factory Label	Interp.
	99AE-EA0160K	32.8	27.6	80.6	860	Same as E-160-480-480 Beige - Field Label	Interp.
	99AE-EB0160KA26	32.8	27.6	80.6	860	Same as E-160-480-480 Black - Factory Label	Interp.
	99AE-EB0160K	32.8	27.6	80.6	860	Same as E-160-480-480 Black - Field Label	Interp.
	M9900A-E-225-480-480-N	32.8	35.4	80.6	1,080		Interp.
	M9900A-E-225-480-480	32.8	35.4	80.6	1,080		Interp.
	99AE-EA0225KA26	32.8	35.4	80.6	1,080	Same as E-225-480-480 Beige - Factory Label	Interp.
	99AE-EA0225K	32.8	35.4	80.6	1,080	Same as E-225-480-480 Beige - Field Label	Interp.

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Manufacturer:	Mitsubishi Electrical Power Proc	ducts, Inc.				TABLE	1	
Model Line:	9900A, 9900B UPS							
Certified Product C	onstruction Summary:							
	l enclosure. Certified units must b	e construc	ted in con	npliance w	ith constru	iction standards and det	ailing at	
time of testing.								
Certified Options S	ummarv							
Input/Output VAC: 4	-							
. , .	,							
Mounting Configura	ation:							
Base mounted - rigio		RCO	DFC					
Note: Installed mounting	configuration must be of similar configure	ation and equ	uivalent stre	ngth and stiff	ness to those	e tested.		
Building Code: CBC	2019 Seismic	Certificati	ion Limits		2.0 g z/ 2.0 g z/		= <i>1.5</i>	
Model Line	Model	-M-M Dir	mensions	(in)	Weight	Notes	υυτ	
Model Line	Moder	Depth -	Width	Height	(lb)	Notes	001	
	99AE-EB0225KA26	32.8 Johamn	35.4 nad Ka	80.6	1,080	Same as E-225-480-480 Black - Factory Label	Interp.	
9900A UPS	99AE-EB0225K	32.8	35.4	80.6	1,080	Same as E-225-480-480 Black - Field Label	Interp.	
	M9900A-A-225-480-480	32.8	35.4	80.6	1,230		Interp.	
	M9900B-A- <mark>300-4</mark> 80-480	32.7	55.1	80.7	2,360		Interp.	
	99B-AA0300KA26	32.7	55.1	80.7	2,360	Same as A-300-480-480 Beige - Factory Label	Interp.	
	99B-AA0300K	B (32;7L [JI55.1G	80.7	2,360	Same as A-300-480-480 Beige - Field Label	Interp.	
	99B-AB0300KA26	32.7	55.1	80.7	2,360	Same as A-300-480-480 Black - Factory Label	Interp.	
	99B-AB0300K	32.7	55.1	80.7	2,360	Same as A-300-480-480 Black - Field Label	Interp.	
9900B UPS	M9900B-A-500-480-480	32.7	88.4	80.7	3,605		Interp.	
	99B-AA0500KA26	32.7	88.4	80.7	3,605	Same as A-500-480-480 Beige - Factory Label	Interp.	
	99B-AA0500K	32.7	88.4	80.7	3,605	Same as A-500-480-480 Beige - Field Label	Interp.	
	99B-AB0500KA26	32.7	88.4	80.7	3,605	Same as A-500-480-480 Beige - Factory Label	Interp.	
	99B-AB0500K	32.7	88.4	80.7	3,605	Same as A-500-480-480 Beige - Field Label	Interp.	

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Manufacturer:	Mitsubishi Electrical Power Proc	lucts, Inc.				TABLE	1
Model Line:	9900A, 9900B UPS					IADLE	L
Certified Product (Construction Summary:						
	el enclosure. Certified units must b	e construc	ted in con	npliance w	ith constru	uction standards and det	ailing at
time of testing.							
Certified Options S	Summary:						
Input/Output VAC: 4	80/480						
Mounting Configur	ration:						
Base mounted - rigi	d	RCO	DFC				
Note: Installed mounting	configuration must be of similar configure	ation and equ	uivalent stre	ngth and stiff	ness to those	e tested.	
Building Code: CBC	2019 Seismic	Certificati	on Limits		2.0 g Z/ 2.0 g Z/		= <i>1.5</i>
		Dir	nensions	<u>, , , , , , , , , , , , , , , , , , , </u>	Weight		
Model Line	Model	Depth-	Width	Height	(lb)	Notes	UUT
	M9900B <mark>-A-75</mark> 0-480-480	33.0	106.9	80.6	4,470		2
	998- <mark>AA07</mark> 50KA26 <mark>BY: N</mark>	10 <u>33.</u> 011	na _{106.9} a	rim _{80.6}	<mark>4,470</mark>	Same as A-300-480-480 Beige - Factory Label	Interp.
9900B UPS	99B-AA0750K DAT	=:33.08/	1106.92	2 80.6	4,470	Same as A-300-480-480 Beige - Field Label	Interp.
	99B-AB0750KA26	33.0	106.9	80.6	4,470	Same as A-300-480-480 Black - Factory Label	Interp.
	99В-АВ0750К	33.0	106.9	80.6	4,470	Same as A-300-480-480 Black - Field Label	Interp.
	M9900A-E-080-480-480-N-65	33.0	27.0	78.5	798		Interp.
	M9900A-E-080-480-A02	33.0	27.0	78.5	798		3
	99AE-EA0080KA16	33.0	27.0	78.5	798	Same as E-080-480-A02 Beige - Factory Label	Interp.
	99AE-EA0080KA02	33.0	27.0	78.5	798	Same as E-080-480-A02 Beige - Field Label	Interp.
9900A UPS	99AE-EB0080KA16	33.0	27.0	78.5	798	Same as E-080-480-A02 Black - Factory Label	Interp.
65kAIC Rated	99AE-EB0080KA02	33.0	27.0	78.5	798	Same as E-080-480-A02 Black - Field Label	Interp.
	M9900A-A-080-480-480-65	33.0	27.0	78.5	855		Interp.
	M9900A-A-080-480-A02	33.0	27.0	78.5	855		Interp.
	M9900A-E-100-480-480-N-65	33.0	27.0	78.5	772		Interp.
	M9900A-E-100-480-A02	33.0	27.0	78.5	772		Interp.
	99AE-EA0100KA16	33.0	27.0	78.5	772	Same as E-100-480-A02 Beige - Factory Label	Interp.

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Manufacturer:



Manufacturer:	Mitsubishi Electrical Power Proc	ducts, Inc.				ТЛОГС	1	
Model Line:	9900A, 9900B UPS TABLE 1							
Certified Product C	onstruction Summary:							
	l enclosure. Certified units must b	e construc	ted in con	npliance w	ith constru	uction standards and det	ailing at	
time of testing.								
Certified Options S	-							
Input/Output VAC: 4	80/480							
Mounting Configur	ation:							
Base mounted - rigio		R CO	DFC					
Note: Installed mounting	configuration must be of similar configur	ation and equ	uivalent stre	ngth and stif	fness to those	e tested.		
Building Code: CBC	2019 Seismic	Certificati	on Limits		2.0g z/ 2.0g z/		= 1.5	
		Dir	mensions		Weight			
Model Line	Model	Depth-	Width	Height	(lb)	Notes	UUT	
	99AE-EA0100KA02	33.0 Johamr	27.0 nad Ka	78.5	772	Same as E-100-480-A02 Beige - Field Label	Interp.	
	99AE-EB0100KA16	33.0	27.0	78.5	772	Same as E-100-480-A02 Black - Factory Label	Interp.	
	99AE-EB0100KA02	33.0	27.0	78.5	6772	Same as E-100-480-A02 Black - Field Label	Interp.	
	M9900A-A-100-480-480-65	33.0	27.0	78.5	855		Interp.	
	M9900A-A-100-480-A02	33.0	27.0	78.5	855		Interp.	
	M9900A-E-150-480-480-N-65	33.0	27.0	78.5	860		Interp.	
	M9900A-E-150-480-A02	33.0	27.0	78.5	860		Interp.	
9900A UPS	99AE-EA0150KA16	33.0	27.0	78.5	860	Same as E-150-480-A02 Beige - Factory Label	Interp.	
65kAIC Rated	99AE-EA0150KA02	33.0	27.0	78.5	860	Same as E-150-480-A02 Beige - Field Label	Interp.	
	99AE-EB0150KA16	33.0	27.0	78.5	860	Same as E-150-480-A02 Black - Factory Label	Interp.	
	99AE-EB0150KA02	33.0	27.0	78.5	860	Same as E-150-480-A02 Black - Field Label	Interp.	
	M9900A-A-150-480-480-65	33.0	35.0	78.5	1,160		Interp.	
	M9900-A-150-480-A02	33.0	35.0	78.5	1,160		Interp.	
	M9900A-E-160-480-480-N-65	33.0	35.0	78.5	860		Interp.	
	M9900A-E-160-480-A02	33.0	35.0	78.5	860		Interp.	
	99AE-EA0160KA16	33.0	35.0	78.5	860	Same as E-160-480-A02 Beige - Factory Label	Interp.	
		1	1	1	1		1	

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Manufacturer:	Mitsubishi Electrical Power Proc	ducts, Inc.				TABLE	1
Model Line:	9900A, 9900B UPS						
Certified Product Co	onstruction Summary:						
Painted carbon steel	enclosure. Certified units must b	e construc	ted in com	ipliance w	ith constru	iction standards and det	ailing at
time of testing.							
Certified Options Su	ımməru;						
Input/Output VAC: 48	-						
Mounting Configura	tion:						
Base mounted - rigid	- (RCO	DFC				
Note: Installed mounting c	configuration must be of similar configur	ation and equ	uivalent strer	gth and stiff	fness to those	e tested.	
Building Code: CBC	2019 Seismic	Certificati	on Limits:		2.0g z/		= 1.5
		Dir	nensions		Weight		
Model Line	Model	Depth-	Width	Height	(lb)	Notes	UUT
	99AE-EA0160KA02	33.0 Johamn	35.0 nad Ka	78.5 tim	860	Same as E-160-480-A02 Beige - Field Label	Interp.
	99AE <mark>-EB01</mark> 60KA16	33.0	35.0	78.5	860	Same as E-160-480-A02 Black - Factory Label	Interp.
	99AE-EB0160KA02	33.0	35.0	78.5	860	Same as E-160-480-A02 Black - Field Label	Interp.
	M9900A-E-225-480-480-N-65	33.0	35.0	78.5	1,094		Interp.
9900A UPS	M9900A-E-225-480-A02	33.0	35.0	78.5	1,094		4
65kAIC Rated	99AE-EA0225KA16	B (33,0	DI35.03	78.5	1,094	Same as E-225-480-A02 Beige - Factory Label	Interp.
	99AE-EA0225KA02	33.0	35.0	78.5	1,094	Same as E-225-480-A02 Beige - Field Label	Interp.
	99AE-EB0225KA16	33.0	35.0	78.5	1,094	Same as E-225-480-A02 Black - Factory Label	Interp.
	99AE-EB0225KA02	33.0	35.0	78.5	1,094	Same as E-225-480-A02 Black - Field Label	Interp.
	M9900B-A-300-480-A02	33.0	35.0	78.5	1,094		Extrap.
	99B-AA0300KA16	33.0	35.0	78.5	1,094	Same as A-300-480-A02 Beige - Factory Label	Extrap.
9900B UPS 65 kAIC	99B-AA0300KA02	33.0	35.0	78.5	1,094	Same as A-300-480-A02 Beige - Field Label	Extrap.
Rated		1				Sama as A 200 480 402	1

TRU Compliance, by Structural Integrity Associates, Inc.

Same as A-300-480-A02

Beige - Factory Label Same as A-300-480-A02

Beige - Field Label

35.0

35.0

78.5

78.5

1,094

1,094

33.0

33.0

99B-AB0300KA16

99B-AB0300KA02

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Extrap.

Extrap.

2000560-CR-001-R1



TABLE 1

Manufacturer:	
Model Line:	

Mitsubishi Electrical Power Products, Inc. 9900A, 9900B UPS

Certified Product Construction Summary:

Painted carbon steel enclosure. Certified units must be constructed in compliance with construction standards and detailing at time of testing.

Certified Options Summary:

Input/Output VAC: 480/480

Mounting Configuration:

Base mounted - rigid

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

Building Code: CBC 2019Seismic Certification Limits:Sps= 2.0 gz/h=1.0Sps= 2.0 gz/h=0.0Ip= 1.5										
Model Line	Model	Di	mensions	(in)	Weight	Notes	υυτ			
Model Line	Moder	Depth - Width		Height	(lb)	Notes	001			
	M9900B <mark>-A-50</mark> 0-480-A02	33.0	35.0	78.5	1,094		Extrap.			
	998 <mark>-AA050</mark> 0KA16 <mark>BY: N</mark>	log <u>a</u> mr	na <u>35.</u> 6a	rim _{78.5}	1,094	Same as A-500-480-A02 Beige - Factory Label	Extrap.			
		E:33.08/	0135.02	2 78.5	1,094	Same as A-500-480-A02 Beige - Field Label	Extrap.			
	99B-AB0500KA16	33.0	35.0	78.5	1,094	Same as A-500-480-A02 Black - Factory Label	Extrap.			
	99B-AB0500KA02	33.0	35.0	78.5	1,094	Same as A-500-480-A02 Black - Field Label	Extrap.			
	M9900B-A-750-480-A02	33.0_	35.0	78.5	1,094		Extrap.			
	99B-AA0750KA16	33.0	35.0	78.5	1,094	Same as A-750-480-A02 Beige - Factory Label	Extrap.			
9900B UPS 65 kAIC Rated	99B-AA0750KA02	33.0	35.0	78.5	1,094	Same as A-750-480-A02 Beige - Field Label	Extrap.			
	99B-AB0750KA16	33.0	35.0	78.5	1,094	Same as A-750-480-A02 Black - Factory Label	Extrap.			
	99B-AB0750KA02	33.0	35.0	78.5	1,094	Same as A-750-480-A02 Black - Field Label	Extrap.			
	M9900B-A-300-480-A03	33.0	35.0	78.5	1,094		Extrap.			
	99B-AA0300KA28	33.0	35.0	78.5	1,094	Same as A-300-480-A03 Beige - Factory Label	Extrap.			
	99B-AA0300KA03	33.0	35.0	78.5	1,094	Same as A-300-480-A03 Beige - Field Label	Extrap.			
	99B-AB0300KA28	33.0	35.0	78.5	1,094	Same as A-300-480-A03 Black - Factory Label	Extrap.			

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	Mitsubishi Electrical Power Prod	ucts, Inc.				TABLE	1
	9900A, 9900B UPS						-
	onstruction Summary: enclosure. Certified units must be	e construc	ted in con	npliance w	ith constru	uction standards and det	ailing at
<i>Certified Options Su</i> Input/Output VAC: 480	-						
<i>Mounting Configurat</i> Base mounted - rigid Note: Installed mounting co	<i>tion:</i> configuration must be of similar configura	R CO ation and equ	DE uivalent stree				
Building Code: CBC 2	2019 Seismic (Certificati	ion Limits	•	2.0g z/		= 1.5
Model Line	Model	Dir Depth	mensions Width	(in) Height	Weight (lb)	Notes	υυτ
	99B-AB0300KA03	33.0 Johamn	35.0 nad Ka	78.5	1,094	Same as A-300-480-A03 Black - Field Label	Extrap.
	M9900B <mark>-A-50</mark> 0-480-A03	33.0	35.0	78.5	1,094		Extrap.
	998-A40500KA280AT	= 33.08/(0135.02	2 78.5	1,094	Same as A-500-480-A03 Beige - Factory Label	Extrap.
	99B-AA0500KA05	33.0	35.0	78.5	1,094	Same as A-500-480-A03 Beige - Field Label	Extrap.
	99B-AB0500KA28	33.0	35.0	78.5	1,094	Same as A-500-480-A03 Black - Factory Label	Extrap.
9900B UPS 65 kAIC Rated	99B-AB0500KA05	33.0	35.0	78.5	1,094	Same as A-500-480-A03 Black - Field Label	Extrap.
	M9900B-A-750-480-A03	33.0	35.0	78.5	1,094		Extrap.
	99B-AA0750KA28	33.0	35.0	78.5	1,094	Same as A-750-480-A03 Beige - Factory Label	Extrap.
	99B-AA0750KA05	33.0	35.0	78.5	1,094	Same as A-750-480-A03 Beige - Field Label	Extrap.
	99B-AB0750KA28	33.0	35.0	78.5	1,094	Same as A-750-480-A03 Black - Factory Label	Extrap.
	99B-AB0750KA05	33.0	35.0	78.5	1,094	Same as A-750-480-A03 Black - Field Label	Extrap.

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UUT	Unit Description	Report Number	Testing Lab	Year Tested	ISO 17025 Accredited?	S _{DS}	z/h	I _P	
1	1 9900 UPS M9900A-A-080-480-480	EL: 9282	Clark Testing	2010	YES	2.0	1.0	1.5	
-		(UUT1)				2.0	0.0		
2	9900 UPS M9900B-A-750-480-480	EL: 9282	Clark Testing	2010	YES	2.0	1.0	1.5	
		(UUT2)	RCODEC	ON		2.0	0.0		
3	9900 UPS M9900A-E-080-480-A02	JID 17-00404	Clark Testing	2017	YES	2.0	1.0	1.5	
		(UUT 1)	OSP-0107		ZCE	2.0	0.0		
4	9900 UPS M9900A-E-225-480-A02		JID 17-00404 M	Clark Testing	rii2017	Oyes	2.0	1.0	1.5
		9900A-E-225-480-A02 (UUT 2)	: 08/01/202	2	0	2.0	0.0		
		E			102				
		PRAIR			· /				
		A	BUILDING						

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Manufacturer:	Mitsubish	ni Electri	cal Power Pr	oducts, Ind	2.						4
Model Line:	9900A UP					JUT	L				
Model Number:	M9900A-A	A-080-48	0-480			Serial Nu	ımber:	08-7M72	732-07		
Product Construe	ction Summar	y:									
Painted carbon sto time of testing.	eel enclosure. (Certified	units must t	e construc	ted in com	pliance w	ith cons	truction s	tandards	and deta	iling at
Options/Subcom		-									
Internal compone	nts of certified	units mi	ust be consis	tent with t	ested layou	it and sel	ection.				
				DCC	DE						
			F	OKCC	DEC	Mp,					
		/	NED								
Waisht		D :	ien (ie)	UUT Pr	operties		Z	+ Notural	Freedore	ev (11=)	
Weight (lb)	Depth	4	nension (in) Width	OSH	ight 07	Lowest Natura Front-Back Side			-Side	1	tical
855	32.8	18	27.6		0.6				.8		7.9
			UUT Highes	t Passed S	eismic Rur	Informa	tion				
Buildin	g Code		Test Criteria S _{DS} (g)			z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g
CBC 2	019	C	IC <mark>C-ES AC</mark>	156 08/	01/202	2 ^{1.0} 0.0	1.5	3.20	2.40	1.33	0.53
Test Mounting De	etails:				FEFFE	AAAA	2				
		The second secon		UIL	DING.						

Base mounted - rigid with four (4) 1/2" - 13 Grade 5 hex-head bolts with flat washers and lock washers. A torque of 75 ft-lbs. was used for the 1/2" hardware.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

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Manufacturer:	Mitsubish	ni Electri	cal Power Pr	oducts, In	с.						า		
Model Line:	9900A UF	9900A UPS						UUT 2					
Model Number:	M9900B-A	A-750-48	0-480			Serial N	umber:	10-7M73	261EG00:	L-01			
Product Constru	ction Summar	y:											
Painted carbon st time of testing.	eel enclosure. (Certified	units must b	e constru	cted in com	pliance v	with cons	truction s	tandards	and deta	iling at		
Options/Subcom	-	-											
Internal compone	ents of certified	units mı	ust be consis	tent with	tested layo	ut and se	lection.						
			E	DR CC	DDE_{C}								
			EQ F			Ms							
			S		roperties								
Weight		Din	nension (in)	UUTT	loperties		lowes	t Natural	Frequen	cv (Hz)			
(lb)	Depth	<u> </u>	Width			Front-Back		Side-Side		Vertical			
4,470	33.0		98.4	_	80.6		7.7		.7	26.9			
i			UUT Highest	t Passed S	Seismic Rui	n Inform	ation						
Buildin	g Code		Test Criteria S _{DS} (g		S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g		
CBC	2019	CP	IC <mark>C-ES AC</mark>	156 08	/01/ <u>202</u> 2.0	2 1.0 0.0	1.5	3.20	2.40	1.33	0.53		
Test Mounting D	etails:	Ĩ.				ARRA	2						
		5				1 de	5/	- 1					
			A	PI-	DING	C	1	-					
				DUIL	DINC	L. Lo	45	-					
			4-6	-	ALL THE	And and		-					
			HA	4				-					
		۲. ₁₁		1. 12			150						
				Em .			95						
		100					The Party	10					
				Sec. 1				XX					

Base mounted - rigid with twelve (12) 5/8" - 11 Grade 5 hex-head bolts with flat washers and lock washers. A torque of 150 ft-lbs was used for the 5/8" hardware.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

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Manufacturer:	Mitsubish	ni Electri	cal Power Pro	ducts, Inc.						JUT	່ວ	
Model Line:	9900A UF	PS							Ľ		5	
Model Number:	M9900A-E	E-080-48	0-A02			Serial Nu	umber:	16-7M85	520-04			
Product Constru Painted carbon st time of testing.	-		units must be	e construct	ted in com	pliance w	vith cons	struction st	tandards	and deta	iling at	
Options/Subcom	-	-										
nternal compone	nts of certified	units mi	ust be consiste	ent with te	ested layou	it and sel	ection.					
			IED FC	R CO	DECO	Mp,						
		12		UUT Pro			T					
Weight		Dimension			0107	Lowest Natural						
(lb) 798	Depth 33.0	2	Width 27.0	78	ght () /				e-Side 5.3		Vertical 31.3	
190	55.0		UUT Highest					5	.3	3.		
Buildin	g Code	P	Test Criter		S _{DS} (g)	z/h	I _P	A _{ELV H} (g)	A _{RIG-H} (g)	A _{rtyv} (g)	Anc v (g	
CBC 2019		C	IC <mark>C-ES AC</mark> 1	2.0	$2\frac{1.0}{0.0}$	1,5	3.20	2.40	1.33	0.53		
Test Mounting D	etails:	F					2					
	- 1		Opp and				~				_	
-	110-5	I/	VIA	BUTT	FIG	9						
1		1	10		1.8						ALC: NO	
the second se	- A 4		And Persons in succession	Ser.							-	
A.J.			Contraction of the local division of the loc	11	Sec. Sec. 2	-	-	52) -		and the second se	100	
(the)		- +	THE A		-	1		1		-	4	
		1				V		2			T	
		ł				V	23	2		EAS	T	
		-				V				EAS		
						V		0		EAS	T	
						V	5			EAS	The second	

Base mounted - rigid with four (4) 1/2" - 13 Grade 5 hex-head bolts, washers, and lock washers. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

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Manufacturer:	Mitsubis	hi Electr	ical Power Pr	oducts, Inc							л	
Model Line:	9900A UF					JUT	4					
Model Number:	M9900A-	E-225-48	30-A02	Serial N	umber:	15-7M85	166-02					
Product Construc	tion Summar	у:										
Painted carbon ste	el enclosure.	Certified	l units must b	e construc	ted in com	pliance w	vith cons	truction s	tandards	and deta	iling at	
time of testing.												
Options/Subcom		-										
nternal componer	nts of certified	units m	ust be consis	tent with t	ested layou	ut and sel	ection.					
			E)RCC	DEC	2						
			.60			Ms,						
			S	UIUT Pr	operties		-					
Weight		Di	mension (in)				Lowes	t Natural	Frequen	cy (Hz)		
(lb)	Depth	4	Width	OSHe	ight 07	Front-Back Side		-Side Ver		rtical		
1,094	33.0		35.0	7	8.5	5.	5.8 5			5.7 26.4		
			UUT Highest	t Passed S	eismic Rur	n Informa	ntion		-			
Building	g Code	Test Criteria S _{DS} (g)			S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g	
CBC 2	019		ICC-ES AC	156 08/	2.0	2 1.0	1.5	3.20	2.40	1.33	0.53	
		Y			2.0	0.0						
Test Mounting De	tails:	F					~					
		-	0				1					
		A _	THE			0			r - 1	1	1	
			- AA	BIITI	TNG	6						
-	FL	6		VILI	11				1		• /	
		3	5		-							
and and	24	- 3	th	1					° .			
			T de							-		
THE R. LEWIS CO.	TIME				-	-			-	- av		
10-12-0					1 -	24						
6.00												

Base mounted - rigid with four (4) 1/2" - 13 Grade 5 hex-head bolts, washers, and lock washers. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.