



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-0660

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Crucial Power Products

Manufacturer's Technical Representative: Sherri Shahsavari

Mailing Address: 14000 South Broadway St., Los Angeles, CA 90061

Telephone: (323) 720-4125 Email: sherris@onlinepower.com

Product Information

Product Name: Wave Rider 4

Product Model Number(s): See Attachments

Product Category: UPS and Batteries

Product Sub-Category: UPS

General Description: Uninterruptible Power Supply

Mounting Description: Base Mounted Rigid -

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: Pre Compliance

Contact Person: Galen Reid

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

Telephone: (541) 241-2310 Email: galen@go-pre.com

Title: Principal and Program Manager



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OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

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

Company Name: PRE COMPLIANCE

Name: Andrew Coughlin

California License Number: S6082

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

Telephone: (415) 635-8461

Email: Andy@go-pre.com

Certification Method

☐ GR-63-Core

☒ ICC-ES AC156

☐ IEEE 344

☐ IEEE 693

☐ NEBS 3

☐ Other (Please Specify): _____

Testing Laboratory

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

Contact Person: Jeremy Lange

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

Telephone: (972) 247-9657

Email: Jeremy@etldallas.com

BY: Mohammad Karim

DATE: 08/01/2025



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Seismic Parameters

Certified Response Spectral Acceleration Factors: (F_p/W_p)

Horizontal (A Flx-H), $g =$ 1.60 (A Rig-H), $g =$ 0.64

Vertical (A Flx-V), $g =$ 1.07 (A Rig-V), $g =$ 0.43

S_{DS} (Design spectral response acceleration at short period, g) = 1.60

H_f (Force amplification height factor) = 1.0

R_u (Structure ductility reduction factor) = 1.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 0

HCAI Approval (For Office Use Only) - Approval Expires on 08/01/2031

Date: 8/1/2025

Name: Mohammad Karim

Title: Supervisor, Health Facilities

Condition of Approval (if applicable): _____

BY: Mohammad Karim

DATE: 08/01/2025

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Seismic Parameters

$S_{DS} = 1.6g$ for $R_{\mu}=1.0$, $H_f=1.0$ $I_p=1.5$

Building Codes

CBC 2025

TABLE 1

Mounting Configuration: Base Mounted - Rigid

Construction Summary

Base & Top: 12 Ga. Carbon steel. **Back & Sides:** 14 Ga. Carbon Steel. **Doors:** 16 Ga. Carbon Steel

Options Summary

Input/Output voltage: 480Y/277 or 208Y/120

Model Line	Model	Max. Dimensions (in)			Wt. (lb)	Notes	UUT
		D	W	H			
Wave Rider 4 (Cabinet Type A)	SV-WR010B05ATT3-BT	31.5	40.7	63	925		Interp.
	SV-WR020B05ATT3-BT	31.5	40.7	63	1168		Interp.
	SV-WR030B05ATT3-BT	31.5	40.7	63	1345		Interp.
	SV-WR040B05ATT3-BT	31.5	40.7	63	1499		Interp.
	SV-WR050B05ATT3-BT	31.5	40.7	63	1610		Interp.
	SV-WR010H05ATT3-BT	31.5	40.7	63	925		Interp.
	SV-WR020H05ATT3-BT	31.5	40.7	63	1168		Interp.
	SV-WR030H05ATT3-BT	31.5	40.7	63	1345		Interp.
	SV-WR040H05ATT3-BT	31.5	40.7	63	1499		Interp.
	SV-WR050H05ATT3-BT	31.5	40.7	63	1610		Interp.
	SV-WR010B09ATT3-BT	31.5	40.7	63	925		Interp.
	SV-WR020B09ATT3-BT	31.5	40.7	63	1168		Interp.
	SV-WR030B09ATT3-BT	31.5	40.7	63	1345		Interp.
	SV-WR040B09ATT3-BT	31.5	40.7	63	1499		Interp.
	SV-WR050B09ATT3-BT	31.5	40.7	63	1610		Interp.
	SV-WR010H09ATT3-BT	31.5	40.7	63	925		Interp.
	SV-WR020H09ATT3-BT	31.5	40.7	63	1168		Interp.
	SV-WR030H09ATT3-BT	31.5	40.7	63	1345		Interp.
	SV-WR040H09ATT3-BT	31.5	40.7	63	1499		Interp.
	SV-WR050H09ATT3-BT	31.5	40.7	63	1610		Interp.
	SV-WR010B05ATT3	31.5	40.7	63	925		Interp.
	SV-WR020B05ATT3	31.5	40.7	63	1168		Interp.
	SV-WR030B05ATT3	31.5	40.7	63	1345		Interp.
	SV-WR040B05ATT3	31.5	40.7	63	1499		Interp.
	SV-WR050B05ATT3	31.5	40.7	63	1610		Interp.
	SV-WR060B05ATT3	31.5	40.7	63	1737		Interp.
	SV-WR010H05ATT3	31.5	40.7	63	925		Interp.
	SV-WR020H05ATT3	31.5	40.7	63	1168		Interp.
	SV-WR030H05ATT3	31.5	40.7	63	1345		Interp.
	SV-WR040BH05ATT3	31.5	40.7	63	1499		Interp.

Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Seismic Parameters

$S_{DS} = 1.6g$ for $R_{\mu}=1.0$, $H_f=1.0$ $I_p=1.5$

Building Codes

CBC 2025

TABLE 1

Mounting Configuration: Base Mounted - Rigid

Construction Summary

Base & Top: 12 Ga. Carbon steel. **Back & Sides:** 14 Ga. Carbon Steel. **Doors:** 16 Ga. Carbon Steel

Options Summary

Input/Output voltage: 480Y/277 or 208Y/120

Model Line	Model	Max. Dimensions (in)			Wt. (lb)	Notes	UUT
		D	W	H			
Wave Rider 4 (Cabinet Type A)	SV-WR050H05ATT3	31.5	40.7	63	1610		Interp.
	SV-WR060H05ATT3	31.5	40.7	63	1737		Interp.
	SV-WR010B09ATT3	31.5	40.7	63	925		Interp.
	SV-WR020B09ATT3	31.5	40.7	63	1168		Interp.
	SV-WR030B09ATT3	31.5	40.7	63	1345		Interp.
	SV-WR040B09ATT3	31.5	40.7	63	1499		Interp.
	SV-WR050B09ATT3	31.5	40.7	63	1610		Interp.
	SV-WR060B09ATT3	31.5	40.7	63	1737		Interp.
	SV-WR010H09ATT3	31.5	40.7	63	925		Interp.
	SV-WR020H09ATT3	31.5	40.7	63	1168		Interp.
	SV-WR030H09ATT3	31.5	40.7	63	1345		Interp.
	SV-WR040BH09ATT3	31.5	40.7	63	1499		Interp.
	SV-WR050H09ATT3	31.5	40.7	63	1610		Interp.
	SV-WR060H09ATT3	31.5	40.7	63	1751		1
Wave Rider 4 (Cabinet Type B)	SV-WR060B05ATT3-BT	31.5	62.4	63	1737		Interp.
	SV-WR080B05ATT3	31.5	62.4	63	1961		Interp.
	SV-WR100B05ATT3	31.5	62.4	63	2669		Interp.
	SV-WR120B05ATT3	31.5	62.4	63	2823		Interp.
	SV-WR060H05ATT3-BT	31.5	62.4	63	1737		Interp.
	SV-WR080H05ATT3	31.5	62.4	63	1961		Interp.
	SV-WR100H05ATT3	31.5	62.4	63	2669		Interp.
	SV-WR120H05ATT3	31.5	62.4	63	3223		Interp.
	SV-WR160H05ATT3	31.5	62.4	63	3317		Interp.
	SV-WR060H09ATT3-BT	31.5	62.4	63	1737		Interp.
	SV-WR080H09ATT3	31.5	62.4	63	1961		Interp.
	SV-WR100H09ATT3	31.5	62.4	63	2669		Interp.
	SV-WR120H09ATT3	31.5	62.4	63	2823		Interp.
	SV-WR060B09ATT3-BT	31.5	62.4	63	1737		Interp.
	SV-WR080B09ATT3	31.5	62.4	63	1961		Interp.
	SV-WR100B09ATT3	31.5	62.4	63	2669		Interp.



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENTS

Seismic Parameters

Building Codes

S_{DS} = 1.6g for R_μ=1.0, H_f=1.0 I_p=1.5 CBC 2025

TABLE 1

Mounting Configuration: Base Mounted - Rigid

Construction Summary

Base & Top: 12 Ga. Carbon steel. **Back & Sides:** 14 Ga. Carbon Steel. **Doors:** 16 Ga. Carbon Steel

Options Summary

Input/Output voltage: 480Y/277 or 208Y/120

[illegible]

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENTS

Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Seismic Parameters

$S_{DS} = 1.6g$ for $R_{\mu}=1.0$, $H_f=1.0$ $I_p=1.5$

Building Codes

CBC 2025

TABLE 2

Table Description: Transformers

Component (Manufacturer)	Model	Description	Notes	UUT
Input Transformer (CPP)	ST-103A3-208360-9A	10kVA, 6 pulse, 208/120V, AI Winding	95 lbs.	Interp.
	ST-103A3-360480-9A	10kVA, 6 pulse, 480/277V, AI Winding	66 lbs.	Interp.
	ST-103IP-360360-9A	10kVA, 12 pulse, 208/120V, AI Winding	138 lbs.	Interp.
	ST-103IP-480360-9A2(Y)	10kVA, 12 pulse, 480/277V, AI Winding	119 lbs.	Interp.
	ST-203A3-208360-9A	20kVA, 6 pulse, 208/120V, AI Winding	141 lbs.	Interp.
	ST-203A3-360480-9AP10	20kVA, 6 pulse, 480/277V, AI Winding	103 lbs.	Interp.
	ST-203IP-360360-9A2	20kVA, 12 pulse, 208/120V, AI Winding	189 lbs.	Interp.
	ST-203IP-480360-9A2Y	20kVA, 12 pulse, 480/277V, AI Winding	157 lbs.	Interp.
	ST-303A3-208360-9A	30kVA, 6 pulse, 208/120V, AI Winding	196 lbs.	Interp.
	ST-303A3-360480-9A	30kVA, 6 pulse, 480/277V, AI Winding	141 lbs.	Interp.
	ST-303IP-360360-9A	30kVA, 12 pulse, 208/120V, AI Winding	276 lbs.	Interp.
	ST-303IP-480360-9A	30kVA, 12 pulse, 480/277V, AI Winding	215 lbs.	Interp.
	ST-403A3-208360-9AY	40kVA, 6 pulse, 208/120V, AI Winding	298 lbs.	Interp.
	ST-403A3-360480-9A	40kVA, 6 pulse, 480/277V, AI Winding	161 lbs.	Interp.
	ST-403IP-360360-9AY	40kVA, 12 pulse, 208/120V, AI Winding	346 lbs.	Interp.
	ST-403IP-480360-9A2Y	40kVA, 12 pulse, 480/277V, AI Winding	259 lbs.	Interp.
	ST-503A3-208360-9A	50kVA, 6 pulse, 208/120V, AI Winding	302 lbs.	Interp.
	ST-503A3-360480-9AY	50kVA, 6 pulse, 480/277V, AI Winding	183 lbs.	Interp.
	ST-503IP-360360-9A2	50kVA, 12 pulse, 208/120V, AI Winding	393 lbs.	Interp.
	ST-503IP-480360-9AY	50kVA, 12 pulse, 480/277V, AI Winding	289 lbs.	Interp.
	ST-603A3-208360-9A	60kVA, 6 pulse, 208/120V, AI Winding	278 lbs.	Interp.
	ST-603A3-360480-9A	60kVA, 6 pulse, 480/277V, AI Winding	294 lbs.	Interp.
	ST-603IP-360360-9A(12P)	60kVA, 12 pulse, 208/120V, AI Winding	449 lbs.	Interp.
	ST-603IP-480360-9A(12P)	60kVA, 12 pulse, 480/277V, AI Winding	449 lbs.	1
	ST-803IP-360360-9AY	80kVA, 12 pulse, 208/120V, AI Winding	536 lbs.	Interp.
	ST-803IP-480360-9AY(12P)	80kVA, 12 pulse, 480/277V, AI Winding	426 lbs.	Interp.
	ST-104IP-360360-9AY	100kVA, 12 pulse, 208/120V, AI Winding	728 lbs.	Interp.
	ST-104IP-480360-9AP10	100kVA, 12 pulse, 480/277V, AI Winding	505 lbs.	Interp.
	ST-124IP-360360-9A2	120kVA, 12 pulse, 208/120V, AI Winding	734 lbs.	Interp.
	ST-124IP-480360-9A2Y(12P)	120kVA, 12 pulse, 480/277V, AI Winding	602 lbs.	Interp.
	ST-164IP-208360-9A2Y	160kVA, 12 pulse, 208/120V, AI Winding	875 lbs.	Interp.
	ST-164IP-480360-9A2	160kVA, 12 pulse, 480/277V, AI Winding	666 lbs.	2

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENTS

Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Seismic Parameters

Building Codes

$S_{DS} = 1.6g$ for $R_{\mu}=1.0$, $H_f=1.0$ $I_p=1.5$ **CBC 2025**

TABLE 2

Table Description: Transformers

Component (Manufacturer)	Model	Description	Notes	UUT
Output Transformer (CPP)	ST-103I3-208120-9A	10kVA, 6 pulse, 208/120V, AI Winding	178 lbs.	Interp.
	ST-103I3-208277-9A2	10kVA, 6 pulse, 480/277V, AI Winding	175 lbs.	Interp.
	ST-103I3-208120-9A	10kVA, 12 pulse, 208/120V, AI Winding	178 lbs.	Interp.
	ST-103I3-208277-9A2	10kVA, 12 pulse, 480/277V, AI Winding	175 lbs.	Interp.
	ST-203I3-208120-9A	20kVA, 6 pulse, 208/120V, AI Winding	231 lbs.	Interp.
	ST-203I3-208277-9A2	20kVA, 6 pulse, 480/277V, AI Winding	237 lbs.	Interp.
	ST-203I3-208120-9A	20kVA, 12 pulse, 208/120V, AI Winding	175 lbs.	Interp.
	ST-203I3-208277-9A2	20kVA, 12 pulse, 480/277V, AI Winding	237 lbs.	Interp.
	ST-303I3-208060-9A2	30kVA, 6 pulse, 208/120V, AI Winding	316 lbs.	Interp.
	ST-303I3-208277-9A2	30kVA, 6 pulse, 480/277V, AI Winding	313 lbs.	Interp.
	ST-303I3-208060-9A2	30kVA, 12 pulse, 208/120V, AI Winding	316 lbs.	Interp.
	ST-303I3-208277-9A2	30kVA, 12 pulse, 480/277V, AI Winding	313 lbs.	Interp.
	ST-403I3-208060-9A	40kVA, 6 pulse, 208/120V, AI Winding	446 lbs.	Interp.
	ST-403I3-208277-9A	40kVA, 6 pulse, 480/277V, AI Winding	417 lbs.	Interp.
	ST-403I3-208060-9A	40kVA, 12 pulse, 208/120V, AI Winding	446 lbs.	Interp.
	ST-403I3-208277-9A	40kVA, 12 pulse, 480/277V, AI Winding	417 lbs.	Interp.
	ST-503I3-208060-9A	50kVA, 6 pulse, 208/120V, AI Winding	460 lbs.	Interp.
	ST-503I3-208277-9A	50kVA, 6 pulse, 480/277V, AI Winding	429 lbs.	Interp.
	ST-503I3-208060-9A	50kVA, 12 pulse, 208/120V, AI Winding	460 lbs.	Interp.
	ST-503I3-208277-9A	50kVA, 12 pulse, 480/277V, AI Winding	429 lbs.	Interp.
	ST-603I3-208120-9A2	60kVA, 6 pulse, 208/120V, AI Winding	503 lbs.	Interp.
	ST-603I3-208277-9A2	60kVA, 6 pulse, 480/277V, AI Winding	488 lbs.	Interp.
	ST-603I3-208120-9A2	60kVA, 12 pulse, 208/120V, AI Winding	503 lbs.	Interp.
	ST-603I3-208277-9A2	60kVA, 12 pulse, 480/277V, AI Winding	503 lbs.	1
	ST-803I3-208208-9AM10	80kVA, 12 pulse, 208/120V, AI Winding	728 lbs.	Interp.
	ST-803I3-208277-9AP10S	80kVA, 12 pulse, 480/277V, AI Winding	726 lbs.	Interp.
	ST-104I3-208208-9AS	100kVA, 12 pulse, 208/120V, AI Winding	866 lbs.	Interp.
	ST-104I3-208277-9A2S	100kVA, 12 pulse, 480/277V, AI Winding	840 lbs.	Interp.
	ST-124I3-208060-9A	120kVA, 12 pulse, 208/120V, AI Winding	990 lbs.	Interp.
	ST-124I3-208277-9A	120kVA, 12 pulse, 480/277V, AI Winding	913 lbs.	Interp.
	ST-164I3-208120-9A	160kVA, 12 pulse, 208/120V, AI Winding	1215 lbs.	Interp.
	ST-164I3-208277-9AS	160kVA, 12 pulse, 480/277V, AI Winding	1215 lbs.	2



Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Building Codes

CBC 2025

Table Description: Choke

Page 9 of 15

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENTS

Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Seismic Parameters

$S_{DS} = 1.6g$ for $R_p=1.0$, $H_f=1.0$ $I_p=1.5$

Building Codes

CBC 2025

TABLE 4

Table Description: Circuit Breakers

Component (Manufacturer)	Model	Description	Notes	UUT
Circuit Breakers (ABB Inc.)	XT1HU3020AFF000XXX	3 POLE 20A, MCCB, 4lbs		Interp.
	XT1HU3030AFF000XXX	3 POLE 30A, MCCB, 4lbs		Interp.
	XT1HU3040AFF000XXX	3 POLE 40A, MCCB, 4lbs		Interp.
	XT1HU3060AFF000XXX	3 POLE 60A, MCCB, 4lbs		Interp.
	XT1HU3080AFF000XXX	3 POLE 80A, MCCB, 4lbs		Interp.
	XT1HU3100AFF000XXX	3 POLE 100A, MCCB, 4lbs		Interp.
	XT1HU3125AFF000XXX	3 POLE 125A, MCCB, 4lbs		Interp.
	XT1SU3015AFF000XXX	3 POLE 15A, MCCB, 4lbs		Interp.
	XT1SU3020AFF000XXX	3 POLE 20A, MCCB, 4lbs		1
	XT1SU3025AFF000XXX	3 POLE 25A, MCCB, 4lbs		Interp.
	XT1SU3030AFF000XXX	3 POLE 30A, MCCB, 4lbs		1
	XT1SU3035AFF000XXX	3 POLE 35A, MCCB, 4lbs		Interp.
	XT1SU3040AFF000XXX	3 POLE 40A, MCCB, 4lbs		Interp.
	XT1SU3045AFF000XXX	3 POLE 45A, MCCB, 4lbs		Interp.
	XT1SU3050AFF000XXX	3 POLE 50A, MCCB, 4lbs		Interp.
	XT1SU3060AFF000XXX	3 POLE 60A, MCCB, 4lbs		Interp.
	XT1SU3070AFF000XXX	3 POLE 70A, MCCB, 4lbs		Interp.
	XT1SU3080AFF000XXX	3 POLE 80A, MCCB, 4lbs		Interp.
	XT1SU3090AFF000XXX	3 POLE 90A, MCCB, 4lbs		Interp.
	XT1SU3100AFF000XXX	3 POLE 100A, MCCB, 4lbs		Interp.
	XT1SU3125AFF000XXX	3 POLE 125A, MCCB, 4lbs		Interp.
	XT2NU3050AFF000XXX	3 POLE 50A, MCCB, 5lbs		1
	XT3NU3080AFF000XXX	3 POLE 80A, MCCB, 7lbs		Interp.
	XT3NU3125AFF000XXX	3 POLE 125A, MCCB, 7lbs		Interp.
	XT3NU3200AFF000XXX	3 POLE 200A, MCCB, 7lbs		2
	XT4HU3150AFF000XXX	3 POLE 150A, MCCB, 9lbs		Interp.
	XT4HU3175AFF000XXX	3 POLE 175A, MCCB, 9lbs		Interp.
	XT4HU3200AFF000XXX	3 POLE 200A, MCCB, 9lbs		Interp.
	XT4HU3225AFF000XXX	3 POLE 225A, MCCB, 9lbs		Interp.
	XT4HU3250AFF000XXX	3 POLE 250A, MCCB, 9lbs		Interp.
	XT4NU3150AFF000XXX	3 POLE 150A, MCCB, 9lbs		Interp.
	XT4NU3175AFF000XXX	3 POLE 175A, MCCB, 9lbs		Interp.
	XT4NU3200AFF000XXX	3 POLE 200A, MCCB, 9lbs		2
	XT4NU3225AFF000XXX	3 POLE 225A, MCCB, 9lbs		Interp.



Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Building Codes

S_{DS} = 1.6g for R_μ=1.0, H_f=1.0 I_p=1.5

CBC 2025

Table Description: Circuit Breakers

Pre Compliance www.go-pre.com (541) 241-2310
08/01/2025 OSP-0660 Page 11 of 15



Manufacturer: Crucial Power Products
Product Type: UPS
Model Line: Wave Rider 4

Building Codes

$S_{DS} = 1.6g$ for $R_\mu=1.0, H_f=1.0 \quad I_p=1.5$

CBC 2025

Table Description: Electrical Accessories

Pre Compliance www.go-pre.com (541) 241-2310
 08/01/2025 OSP-0660 Page 12 of 15



SPECIAL SEISMIC CERTIFICATION TESTING SUMMARY

Notes:



UUT 1

Test Report# 2000232-TR-001-R0

Model Line: Wave Rider 4

Serial Number: N/A

S_{DS}	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
1.6	1.0	1.0	1.5	1.60	0.64	1.07	0.43

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
31.5	40.7	63	1751

Front-Back	Side-Side	Vertical
13.6	11.0	16.0

CBC 2025

ICC-ES AC156

Base & Top: 12 Ga. Carbon steel. **Back & Sides:** 14 Ga. Carbon Steel. **Doors:** 16 Ga. Carbon Steel

Description

Model

ST-603IP-480360-9A(12P)

ST-603|3-208277-9A2

ST-603INVC-A

ST-603RC-A

XT1SU3020AFF000XXX

XT1SU3030AFF000XXX

XT2NU3050AFF000XXX

XT1SU3020AFF000XXX +
KXTAAXCQYFP

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



UUT 2

Test Report# 2000232-TR-001-R0

Model Line: Wave Rider 4

Serial Number: N/A

S_{DS}	R_{μ}	H_f	I_p	$A_{\text{flx-h}}$	$A_{\text{rig-h}}$	$A_{\text{flx-v}}$	$A_{\text{rig-v}}$
1.6	1.0	1.0	1.5	1.60	0.64	1.07	0.43

Depth (in)	Width (in)	Height (in)	Weight (lbs.)
31.5	62.4	63	3751

Front-Back	Side-Side	Vertical
10.2	8.1	>33.3

CBC 2025

ICC-ES AC156

Base & Top: 12 Ga. Carbon steel. **Back & Sides:** 14 Ga. Carbon Steel. **Doors:** 16 Ga. Carbon Steel

A large, black, rectangular industrial machine, possibly a power supply or testing equipment, is shown. It has two main doors with vertical handles. The right door features a small digital display and some text. A white label with 'OUT2' is on the left door. The machine sits on a yellow pallet. The background shows a workshop environment with various tools and equipment.

Input Transformer
Output Transformer
Inv Choke
Input Choke

ST-164IP-480360-9A2

ST-164|3-208277-9AS

ST-164INVC-AM7

ST-164IPC-A

XT3NU3200AFF000XXX

XT4NU3200AFF000XXX

XT4NU3250AFF000XXX

Circuit Breakers

T5N300TW-A

T5N300TW

T5N600BW

T5N400TW

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