

PS SERIES

RECHARGEABLE SEALED LEAD ACID BATTERIES



Fire &
Security



General
Purpose



Emergency
Lighting



Medical

Power-Sonic's PS series of sealed lead acid batteries have been designed with AGM (Absorbent Glass Mat) technology to ensure superior performance and reliability.

The PS series has been explicitly engineered for general-purpose standby and light cyclic applications, including security and fire protection systems, emergency lighting, UPS, toys, and medical devices.

POWER PS SONIC
TRUSTED BATTERY SOLUTIONS



PS SERIES

Rechargeable Sealed Lead Acid Batteries

FEATURES

- General purpose VRLA battery
- Absorbent Glass Mat (AGM) technology for superior performance
- Power to volume ratio yielding unrivalled energy density
- VdS approved models
- Valve regulated, maintenance free spill proof construction
- Rugged impact resistant ABS case and cover
- Flame retardant to UL94:HB and UL94:V0
- Low self-discharge rate for long shelf life



SPECIFICATIONS

Model	Nominal Voltage	Design Life in float service 68°F (20°C) Years	Rated Capacity (AH)				Approx. Dimensions: inch (mm)								Approx. Weight		Terminal Type
			20-hr	10-hr	5-hr	1-hr	Length		Width		Height		Total Height		lbs.	kgs.	
			1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	inch	mm	inch	mm	inch	mm	inch	mm			
PS-260	2	3-5	6.0	5.4	4.9	3.6	1.97	50	1.34	34	3.94	100	4.13	105	0.89	0.40	F1
PS-435ST	4	3-5	3.5	3.3	2.9	2.1	3.54	90	1.34	34	2.32	59	2.56	65	0.99	0.45	F1
PS-445	4	3-5	4.5	4.2	3.8	2.7	1.89	48	2.09	53	3.70	94	3.86	98	1.30	0.59	F2
PS-490	4	10-12	8.0	7.9	7.7	6.1	4.02	102	1.73	44	3.74	95	3.98	101	2.20	1.00	F2
PS-4100	4	3-5	10.0	9.3	8.5	6.2	4.01	102	1.97	50	3.70	94	3.85	98	2.50	1.13	F1
PS-610	6	3-5	1.0	0.9	0.8	0.6	2.00	51	1.65	42	2.00	51	2.20	56	0.55	0.25	F1
PS-612	6	3-5	1.2	1.1	1.0	0.7	3.82	97	0.94	24	2.00	51	2.20	56	0.64	0.29	F1
PS-612ST	6	3-5	1.2	1.1	1.0	0.7	3.82	97	0.94	24	2.00	51	2.20	56	0.64	0.29	F1
PS-621	6	3-5	2.0	1.9	1.7	1.2	1.69	43	1.46	37	2.99	76	2.99	76	0.75	0.34	F1
PS-628	6	3-5	2.9	2.6	2.5	1.8	2.60	66	1.30	33	3.86	98	4.06	103	1.30	0.59	F1
PS-630ST	6	3-5	3.5	3.3	3.0	2.2	5.28	134	1.34	34	2.35	60	2.56	65	1.37	0.62	F1
PS-632	6	3-5	3.5	3.3	3.0	2.2	2.60	66	1.30	33	4.65	118	4.80	122	1.57	0.71	F1
PS-630	6	3-5	3.5	3.3	3.0	2.2	5.28	134	1.34	34	2.35	60	2.56	65	1.37	0.62	F1
PS-640	6	3-5	4.5	4.1	3.3	2.8	2.76	70	1.86	47	3.94	100	4.17	106	1.79	0.81	F1
PS-650LS	6	3-5	5.0	4.3	4.0	3.0	2.64	67	2.64	67	3.94	100	4.64	118	1.80	0.82	SP
PS-650LF	6	3-5	5.0	4.3	4.0	3.0	2.64	67	2.64	67	3.94	100	4.64	118	1.80	0.82	F1
PS-660H	6	3-5	6.0	5.5	5.1	3.7	2.76	70	1.85	47	3.94	100	4.17	106	1.98	0.90	F2
PS-665	6	3-5	6.5	6.1	5.5	4.0	3.86	98	2.20	56	3.78	96	4.02	102	2.70	1.22	FP;F2
PS-670	6	3-5	7.0	6.3	6.0	4.3	5.95	151	1.34	34	3.70	94	3.94	100	2.42	1.10	F1;F2
PS-682	6	3-5	8.5	7.9	7.3	5.3	3.86	98	2.20	56	4.65	118	4.72	120	3.35	1.52	F1
PS-6120	6	3-5	11.0	10.9	10.6	7.9	5.95	151	2.00	51	3.70	94	3.94	100	4.30	1.95	FP
PS-6100	6	3-5	12.0	11.5	10.5	7.3	5.95	151	2.00	51	3.70	94	3.86	98	4.30	1.95	F1;F2
PS-6200	6	3-5	20.0	18.6	17.0	12.4	6.18	157	3.27	83	4.92	125	4.92	125	7.10	3.22	NB2
PS-6360	6	3-5	36.0	33.5	30.6	22.3	6.25	159	3.35	85	6.50	165	6.93	176	12.10	5.49	F2;NB2



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Rechargeable Sealed Lead Acid Batteries

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- Flame retardant to UL94:HB and UL94:V0
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SPECIFICATIONS

Model	Nominal Voltage	Design Life in float service 68°F (20°C)	Rated Capacity (AH)				Approx. Dimensions: inch (mm)								Approx. Weight		Terminal Type
			20-hr	10-hr	5-hr	1-hr	Length		Width		Height		Total Height		lbs.	kgs.	
							1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	inch	mm	inch	mm			
PS-6580	6	3-5	58.0	56.0	50.0	35.0	7.28	185	4.41	112	8.07	205	8.07	205	19.50	8.80	F2
PS-62000	6	3-5	210.0	200.0	180.0	134.0	12.05	306	6.65	169	8.65	220	8.96	228	63.90	29.00	M6
PS-832	8	3-5	3.2	3.0	2.7	2.0	5.29	134	1.44	36.5	2.49	63	2.70	69	1.65	0.75	F1
PS-1208	12	3-5	0.8	0.7	0.7	0.5	3.78	96	0.98	25	2.44	62	2.44	62	0.77	0.35	WL;JST VHR2N
PS-1212	12	3-5	1.4	1.3	1.2	0.8	3.78	96	1.69	43	2.04	52	2.28	58	1.20	0.54	F1
PS-1221S	12	3-5	2.0	1.9	1.7	1.2	5.91	150	0.80	20	3.52	89	3.52	89	1.50	0.68	F1
PS-1221	12	3-5	2.1	1.9	1.7	1.2	7.01	178	1.38	35	2.36	60	2.60	66	2.12	0.96	F1
PS-1223	12	3-5	2.3	2.3	2.0	1.4	7.17	182	0.94	24	2.40	61	2.40	61	1.70	0.77	PC
PS-1220	12	3-5	2.5	2.2	2.0	1.5	7.00	178	1.38	35	2.36	60	2.56	65	2.43	0.96	F1
PS-1228	12	3-5	2.8	2.5	2.4	1.7	5.24	133	1.30	33	3.82	97	4.09	104	2.60	1.18	F1
PS-1229L	12	3-5	2.9	2.7	2.5	1.8	7.00	178	1.38	35	2.36	60	2.60	66	2.30	1.04	F1
PS-1227	12	3-5	2.9	2.6	2.5	1.8	3.11	79	2.20	56	3.90	99	4.13	105	2.40	1.09	F1
PS-1230	12	3-5	3.4	3.3	2.9	2.2	5.24	133	2.64	67	2.36	60	2.60	66	2.90	1.32	F1
PS-1238	12	3-5	3.8	3.5	3.2	2.4	7.68	195	1.85	47	2.91	74	2.99	76	3.50	1.59	F1
PS-1240	12	3-5	4.0	3.7	3.4	2.3	3.54	90	2.76	70	3.98	101	4.21	107	2.78	1.26	F1
PS-1242	12	3-5	4.5	4.2	3.8	2.7	3.54	90	2.76	70	3.98	101	4.21	107	3.26	1.48	F1
PS-1250	12	3-5	5.0	4.5	3.8	2.9	3.54	90	2.76	70	3.98	101	4.21	107	3.50	1.59	F1;F2
PS-1251	12	3-5	5.0	4.7	4.3	3.3	5.50	140	1.90	48	4.00	102	4.06	103	4.10	1.86	FP
PS-1265	12	3-5	6.5	6.1	5.7	4.2	5.94	151	2.55	65	3.93	100	3.93	100	4.18	1.90	F1
PS-1270	12	3-5	7.0	6.5	6.0	4.5	5.94	151	2.56	65	3.70	94	3.86	98	4.80	2.18	F1;F2
PS-1280	12	3-5	8.0	7.2	6.7	4.9	5.94	151	2.56	65	3.72	94.5	3.90	99	5.60	2.54	F1;F2
PS-1285	12	3-5	8.4	7.8	7.0	5.1	5.95	151	2.56	65	3.68	93.5	3.92	99.5	5.27	2.39	F2
PS-1290	12	3-5	9.0	8.1	7.2	5.4	5.94	151	2.56	65	3.70	94	3.86	98	6.00	2.72	F2;NB1;F1
PS-1282S F1	12	3-5	9.0	8.1	7.7	5.6	3.86	98	4.40	112	4.65	118	4.65	118	6.90	3.13	F1



Fire & Security

General Purpose

Emergency Lighting

Medical



PS SERIES

Rechargeable Sealed Lead Acid Batteries (continued)

SPECIFICATIONS (continued)

Model	Nominal Voltage	Design Life in float service 68°F (20°C)	Rated Capacity (AH)				Approx. Dimensions: inch (mm)				Approx. Weight		Terminal Type				
			20-hr	10-hr	5-hr	1-hr	Length	Width	Height	Total Height	lbs.	kgs.					
			Years	1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	inch	mm	inch	mm	inch		mm	inch	mm	
PS-1282L F1	12	3-5	9.0	8.1	7.7	5.6	7.72	196	2.20	56	4.65	118	4.65	118	6.90	3.13	F1
PS-12100H	12	3-5	10.5	10.0	9.4	6.8	5.94	151	2.56	65	4.40	112	4.67	118	7.23	3.28	F2
PS-12120	12	3-5	12.0	11.4	10.2	8.8	5.94	151	3.86	98	3.66	93	3.86	98	8.10	3.68	F1;F2;NB1
PS-12120S	12	10-12	12.0	11.4	10.2	8.8	5.94	151	3.86	98	3.66	93	3.86	98	8.10	3.68	F1
PS-12100	12	3-5	12.0	11.5	10.0	9.0	5.94	151	4.00	102	3.70	94	3.86	98	8.14	3.69	F1;F2
PS-12120L	12	3-5	12.0	11.9	11.1	8.0	8.52	216	2.75	70	5.75	146	5.75	146	8.80	3.99	FP
PS-12140	12	3-5	14.0	13.0	12.5	8.5	5.94	151	3.86	98	3.70	94	3.94	100	9.25	4.20	F2
PS-12170	12	3-5	17.0	16.0	14.2	9.8	7.15	182	3.03	77	6.59	167.5	6.59	167.5	12.57	5.70	M5
PS-12180	12	3-5	18.0	17.1	15.3	11.5	7.13	181	3.00	76	6.57	167	6.57	167	12.32	5.60	F2;NB2;M5
PS-12180S	12	10-12	18.0	17.0	16.0	11.1	7.13	181	3.00	76	6.59	167	6.59	167	12.60	5.72	M5
PS-12200	12	10-12	20.0	19.0	17.0	13.1	7.13	181	3.00	76	6.57	167	6.57	167	13.09	5.95	NB2;M5
PS-12260H	12	10-12	24.0	22.3	20.4	15.1	6.46	164	4.92	125	6.85	174	6.85	174	18.60	8.45	M5
PS-12260	12	3-5	26.0	24.7	22.1	15.8	6.56	167	6.97	177	4.92	125	4.92	125	17.50	8.00	F2;NB2;M5
PS-12280	12	3-5	28.0	26.0	23.8	17.6	6.50	165	4.92	125	6.89	175	6.89	175	20.95	9.50	NB2;M6;F2
PS-12330	12	3-5	33.0	30.0	26.2	19.1	7.72	196	5.14	131	6.22	158	7.00	176	23.00	10.50	NB3;M6;F2
PS-12350	12	3-5	35.0	33.0	28.1	20.7	7.68	195	5.12	130	6.46	164	7.01	178	23.15	10.50	NB3;M6
PS-12360	12	3-5	36.0	34.0	31.8	22.4	6.34	161	3.43	87	6.65	169	6.65	169	23.15	10.50	F2
PS-12380	12	10-12	38.0	36.1	31.1	22.0	7.76	197	6.50	165	6.69	170	6.69	170	29.10	13.20	M6
PS-12400	12	10-12	40.0	38.0	33.5	24.0	7.76	197	6.50	165	6.69	170	6.69	170	29.10	13.20	NB4;M6
PS-12450	12	3-5	45.0	42.0	36.6	26.0	7.76	197	6.50	165	6.69	170	6.69	170	32.00	14.50	M6
PS-12550	12	3-5	55.0	52.3	46.7	36.2	8.90	226	5.31	135	8.15	207	9.02	229	37.62	17.00	M6;U
PS-12600	12	10-12	60.0	55.0	50.0	35.0	9.94	252	6.60	168	10.25	260	8.20	208	58.00	26.40	U
PS-12650	12	10-12	65.0	61.8	53.0	37.7	13.70	348	6.57	167	7.01	178	7.01	178	46.30	21.00	M6
PS-12750	12	10-12	78.6	75.0	63.8	45.0	10.25	260	6.69	170	7.95	202	8.74	222	53.24	24.20	M6;U
PS-121000	12	10-12	100.0	95.2	83.0	57.9	12.05	306	6.61	168	8.19	208	9.06	230	67.50	30.60	M6;U
PS-12850	12	10-12	100.0	95.2	83.0	57.9	12.01	305	6.61	168	8.15	207	9.01	229	69.50	31.50	M6
PS-121100	12	10-12	107.0	100.0	94.5	78.0	13.00	330	6.81	173	8.35	212	8.66	220	70.56	32.00	M8
PS-121150	12	3-5	115.6	110	96.5	68.2	11.06	281	10.51	267	8.15	207	8.27	210	72.8	33.0	POST
PS-121200	12	10-12	124.8	120.0	103.2	73.2	16.14	410	6.97	177	8.86	225	8.86	225	77.20	35.00	M8
PS-121400	12	10-12	140.0	135.0	120.0	84.0	13.50	343	6.73	171	10.80	274	11.15	283	99.00	44.91	M8
PS-121500	12	10-12	156.0	150.0	129.0	91.5	19.10	485	6.69	170	9.45	240	9.45	240	93.70	42.50	M8
PS-122000	12	10-12	214.0	200.0	175.4	129.2	20.55	522	9.45	240	8.58	218	8.82	224	138.00	62.50	M8
PS-122500	12	3-5	260.0	250.0	215.4	152.5	20.55	522	10.55	268	8.66	220	8.90	226	161.00	73.00	M8



PS SERIES

Rechargeable Sealed Lead Acid Batteries VdS



A number of our PS range of batteries are VdS approved. VdS is one of the world's leading inspection and certification companies in the fire protection and security industry. They set international standards with the publication of a comprehensive set of rules and guidelines for fire protection and safety equipment. VdS is one of the only testing institutes certifying sealed lead acid batteries, our VdS approved batteries are indispensable for the reliability of many security and fire systems. The VdS quality seal certifies that our batteries are of optimum quality for use in fire, security, and life safety applications.

SPECIFICATIONS (VdS Approved)

Model	Nominal Voltage	Design Life in float service 68°F (20°C) Years	Rated Capacity (AH)				Approx. Dimensions: inch (mm)								Approx. Weight		Terminal Type
			20-hr	10-hr	5-hr	1-hr	Length		Width		Height		Total Height				
			1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	inch	mm	inch	mm	inch	mm	inch	mm	lbs.	kgs.	
PS-1212 FR	12	3-5	1.4	1.3	1.2	0.8	3.78	96	1.69	43	2.04	52	2.28	58	1.20	0.54	F1
PS-1221	12	3-5	2.1	1.9	1.7	1.2	7.01	178	1.38	35	2.36	60	2.60	66	2.12	0.96	F1
PS-1221 FR	12	3-5	2.1	1.9	1.7	1.2	7.01	178	1.38	35	2.36	60	2.60	66	2.12	0.96	F1
PS-1230 FR	12	3-5	3.4	3.3	2.9	2.2	5.24	133	2.64	67	2.36	60	2.60	66	2.90	1.32	F1
PS-1270 FR	12	3-5	7.0	6.5	6.0	4.5	5.94	151	2.56	65	3.70	94	3.86	98	4.80	2.18	F1;F2
PS-12120 FR	12	3-5	12.0	11.4	10.2	8.8	5.94	151	3.86	98	3.66	93	3.86	98	8.10	3.68	F2;F1
PS-12120	12	3-5	12.0	11.4	10.2	8.8	5.94	151	3.86	98	3.66	93	3.86	98	8.10	3.68	F1;F2;NB1
PS-12170 FR	12	3-5	17.0	16.0	14.2	9.8	7.15	182	3.03	77	6.59	167.5	6.59	167.5	12.57	5.70	M5
PS-12170	12	3-5	17.0	16.0	14.2	9.8	7.15	182	3.03	77	6.59	167.5	6.59	167.5	12.57	5.70	M5
PS-12260 FR	12	3-5	26.0	24.7	22.1	15.8	6.56	167	6.97	177	4.92	125	4.92	125	17.50	8.00	M5
PS-12380 FR	12	10-12	38.0	36.1	31.1	22.0	7.76	197	6.50	165	6.69	170	6.69	170	29.10	13.20	M6
PS-12450	12	3-5	45.0	42.0	36.6	26.0	7.76	197	6.50	165	6.69	170	6.69	170	32.00	14.50	M6
PS-12650 FR	12	10-12	65.0	61.8	53.0	37.7	13.70	348	6.57	167	7.01	178	7.01	178	46.30	21.00	M6
PS-121150	12	3-5	115.6	110	96.5	68.2	11.06	281	10.51	267	8.15	207	8.27	210	72.8	33.0	POST



PS SERIES

Rechargeable Sealed Lead Acid Batteries
Flame Retardant

UL94:V0

UL94:V0 is a standard established by Underwriters Laboratories (UL), which is a globally recognized independent safety certification company. This standard is used to evaluate the flammability of plastic materials used in various products and components.

UL94:V0 is a fire-protection standard that evaluates the ability of a plastic material to self-extinguish after being exposed to a small flame. The V0 designation indicates that the material has passed the most stringent requirements for vertical flame testing. The test involves applying a small flame to a vertically mounted specimen of the material for a specified time, then removing the flame and monitoring the material for additional burning or dripping.

SPECIFICATIONS (UL94:V0-Fire Protection Approved)

Model	Nominal Voltage	Design Life in float service 68°F (20°C) Years	Rated Capacity (AH)				Approx. Dimensions: inch (mm)								Approx. Weight		Terminal Type
			20-hr	10-hr	5-hr	1-hr	Length		Width		Height		Total Height		lbs.	kgs.	
			1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	inch	mm	inch	mm	inch	mm	inch	mm			
PS-612 FR	6	3-5	1.2	1.1	1.0	0.7	3.82	97	0.94	24	2.00	51	2.20	56	0.64	0.29	F1
PS-630ST FR	6	3-5	3.5	3.3	3.0	2.2	5.28	134	1.34	34	2.35	60	2.56	65	1.37	0.62	F1
PS-640 FR	6	3-5	4.5	4.1	3.3	2.8	2.76	70	1.86	47	3.94	100	4.17	106	1.79	0.81	F1
PS-670 FR	6	3-5	7.0	6.3	6.0	4.3	5.95	151	1.34	34	3.70	94	3.94	100	2.42	1.10	F1
PS-6120 FR	6	3-5	11.0	10.9	10.6	7.9	5.95	151	2.00	51	3.70	94	3.94	100	4.30	1.95	FP
PS-6100 FR	6	3-5	12.0	11.5	10.5	7.3	5.95	151	2.00	51	3.70	94	3.86	98	4.30	1.95	F1
PS-1208 FR	12	3-5	0.8	0.7	0.7	0.5	3.78	96	0.98	25	2.44	62	2.44	62	0.77	0.35	WL
PS-1242 FR	12	3-5	4.5	4.2	3.8	2.7	3.54	90	2.76	70	3.98	101	4.21	107	3.26	1.48	F1
PS-1272 FR	12	3-5	7.2	7.0	6.5	4.6	5.95	151	2.56	65	3.70	94	3.86	98	5.80	2.63	F2
PS-1275 FR	12	3-5	7.5	7.1	6.5	4.9	5.95	151	2.56	65	3.70	94	3.92	99.5	5.03	2.28	F2
PS-12100H FR	12	3-5	10.5	10.0	9.4	6.8	5.94	151	2.56	65	4.40	112	4.67	118	7.23	3.28	F2
PS-12180 FR	12	3-5	18.0	17.1	15.3	11.5	7.13	181	3.00	76	6.57	167	6.57	167	12.32	5.60	M5
PS-12240 FR	12	3-5	24.0	22.7	19.9	14.3	6.54	166	6.93	175	4.92	125	4.92	125	15.9	7.2	F2
PS-12400 FR	12	10-12	40.0	38.0	33.5	24.0	7.76	197	6.50	165	6.69	170	6.69	170	29.10	13.20	M6
PS-12450 FR	12	10-12	45.0	42.0	36.6	26.0	7.76	197	6.50	165	6.69	170	6.69	170	32.00	14.50	M6
PS-12700 FR	12	10-12	70.0	64.0	57.1	41.0	13.78	350	6.54	166	6.85	174	6.85	174	52.50	23.80	M6
PS-12750 FR	12	10-12	78.6	75.0	63.8	45.0	10.25	260	6.69	170	7.95	202	8.74	222	53.24	24.20	M6
PS-121000 FR	12	10-12	100.0	95.2	83.0	57.9	12.05	306	6.61	168	8.19	208	9.06	230	67.50	30.60	M6
PS-121400 FR	12	10-12	140.0	135.0	120.0	84.0	13.50	343	6.73	171	10.80	274	11.15	283	99.00	44.91	M8