



WA Series



WH Series



WD Series



OPzS Series



OPzV Series



Over 130 Years of Electric Innovation

For more than a century, Westinghouse has consistently provided innovative, reliable, high-quality products and customer service. It's a combination of groundbreaking technology and rock-solid dependability that's made us one of the world's most trusted brands.

From outdoor portable generators that provide power for your home, work and play moments, to high-definition TVs that are setting new standards for performance, we're constantly developing advanced products, rigorously testing them to make sure they work time after time, day after day.

When you see the W, you know you're getting a product packed with features that make your life easier, while still being easy to use. A product that has all the latest thinking, while providing years of value.

Innovation You Can Be Sure Of.
From a company that always puts you first.





Contents

WA Series 04

General purpose batteries for regular power demands. 5 to 10 years floating life, high consistency and reliability.

WH Series 06

High rate batteries designed for heavy load discharge applications. Offers 30% more power output than standard range. 5 to 10 years floating life.

WD Series 08

Deep-cycle batteries designed for frequent cyclic performance and offers more cyclic life than the standard series. Ideal for solar energy systems, marine , RV and more.

OPzS Series 10

Traditional tubular plate flooded batteries with a cycle life of 2200 cycles in 80% DOD at 25°C. Suitable for all high-performance applications.

OPzV Series 12

Immobilized GEL and tubular plate technology that offers 20+ years life in float service at 25°C. Most suitable for cyclic use under extreme operating conditions.



WA Series

VRLA Batteries



Summary

Providing our customers with reliable and economic, products is the cornerstone of the Westinghouse mission. By using proven VRLA Absorbent Glass Mat (AGM) Technology and premium materials, the WA series batteries offer outstanding performance and reliable standby with 5 to 10 years floating life.

Product Features

- **Dependable Performance** - Absorbent Glass Mat (AGM) technology for superior performance with 5 to 10 years floating life.
- **Compact Design** - Lower internal resistance; power/volume ratio yielding unrivaled energy density.
- **Maintenance-Free**
- **Non-Spillable**
- **Rugged Construction** - UL94-HB ABS plastic (UL94-VO optional) case and cover.
- **Wide Operation Temperature Range** - From -20°C-60°C.
- **Built-in Reliability** - Meet UL, IEC, JIS and BS standards.

Applications

UPS/EPS, Toys, Medical Equipment, Emergency Lights, Security Systems and more.

Compliant Standards

- GB / T19638.2 - 2005
- YD / T799- 2002
- JIS C8704 2006
- IEC 60896-21/22 2004
- Passed ISO9001, ISO14001, OHSAS18001 UL

Main Parameters

Model	Nominal Voltage	Capacity C20	Weight		Dimensions								Internal Resistance	Short-Circuit Current
	(V)	(Ah)	Lbs	Kg	Metric (mm)				Imperial (Inch)				(mΩ@15°C)	(A)
					L	W	H	Total Height	L	W	H	Total Height		
WA613	6	1.3	0.68	0.31	97	24	52	58	3.82	0.94	2.05	2.28	50	68
WA628	6	2.8	1.17	0.53	66	33	98	104	2.60	1.30	3.86	4.09	25	146
WA632	6	3.2	1.43	0.65	134	35	61	67	5.28	1.38	2.40	2.64	25	166
WA636	6	3.4	1.43	0.65	194	25	62	62	7.64	0.98	2.44	2.44	32	187
WA640	6	4.0	1.43	0.65	70	47	101	105	2.76	1.85	3.98	4.13	23	210
WA640S	6	4.0	1.65	0.75	194	25	62	62	7.64	0.98	2.44	2.44	33	208
WA645	6	4.5	1.59	0.72	70	47	101	105	2.76	1.85	3.98	4.13	23	234
WA650	6	5.0	1.65	0.75	70	47	101	105	2.76	1.85	3.98	4.13	20	250
WA655	6	5.3	1.76	0.80	70	47	101	105	2.76	1.85	3.98	4.13	20	275
WA670	6	7.0	2.54	1.15	151	34	94	100	5.94	1.34	3.70	3.94	12	350
WA680	6	8.0	2.65	1.20	151	34	94	100	5.94	1.34	3.70	3.94	12	400
WA6100	6	10	3.64	1.65	151	50	95	101	5.94	1.97	3.74	3.98	12.5	500
WA6120	6	12	3.97	1.80	151	50	95	101	5.94	1.97	3.74	3.98	10	600
WA1213	12	1.3	1.32	0.60	97	43	52	58	3.82	1.69	2.05	2.28	95	68
WA1223	12	2.3	2.14	0.97	178	35	61	67	7.01	1.38	2.40	2.64	50	120
WA1223E	12	2.2	1.83	0.83	178	35	61	67	7.01	1.38	2.40	2.64	60	112
WA1232	12	3.2	2.87	1.30	134	67	61	67	5.28	2.64	2.40	2.64	45	166
WA1245	12	4.5	3.09	1.40	90	70	101	107	3.54	2.76	3.98	4.21	38	234
WA1245S	12	4.5	3.09	1.40	195	47	70	76	7.68	1.85	2.76	2.99	40	225
WA1250	12	5.0	3.53	1.60	90	70	101	107	3.54	2.76	3.98	4.21	35	250
WA1250B	12	5.0	3.97	1.80	151	50	95	101	5.94	1.97	3.74	3.98	30	245
WA1255	12	5.3	3.75	1.70	90	70	101	107	3.54	2.76	3.98	4.21	35	275
WA1270	12	7.0	4.50	2.04	151	65	94	100	5.94	2.56	3.70	3.94	30	350
WA1272	12	7.2	4.74	2.15	151	65	94	100	5.94	2.56	3.70	3.94	25	360
WA1275	12	7.5	4.85	2.20	151	65	94	100	5.94	2.56	3.70	3.94	25	375
WA1280	12	8.0	4.98	2.26	151	65	94	100	5.94	2.56	3.70	3.94	25	400
WA1290	12	9.0	5.62	2.55	151	65	94	100	5.94	2.56	3.70	3.94	18	450
WA1290S	12	9.0	5.91	2.68	151	65	111	117	5.94	2.56	4.37	4.61	18.5	440
WA12100S	12	10	6.84	3.10	151	65	111	117	5.94	2.56	4.37	4.61	15	475
WA12100	12	10	7.06	3.20	151	98	95	101	5.94	3.86	3.74	3.98	18	550
WA12120	12	12	7.94	3.60	151	98	95	101	5.94	3.86	3.74	3.98	16.5	590
WA12180	12	18	11.03	5.00	181	77	167	167	7.13	3.03	6.57	6.57	14	750
WA12200	12	20	13.01	5.90	181	77	167	167	7.13	3.03	6.57	6.57	14	820
WA12260	12	26	17.86	8.10	166	175	125	125	6.54	6.89	4.92	4.92	10	900
WA12240S	12	23	16.32	7.40	165	126	174	174	6.50	4.96	6.85	6.85	12	820
WA12260S	12	26	18.30	8.30	165	126	174	174	6.50	4.96	6.85	6.85	11.5	850
WA12280	12	28	18.96	8.60	166	175	125	125	6.54	6.89	4.92	4.92	9	960
WA12280S	12	28	19.40	8.80	165	126	174	174	6.50	4.96	6.85	6.85	10	880
WA1270L	12	7	5.73	2.60	151	65	94	100	5.94	2.56	3.70	3.94	25	360
WA12120L	12	12	8.93	4.05	151	98	95	101	5.94	3.86	3.74	3.98	16	590
WA12170L	12	18	13.23	6.00	181	77	167	167	7.13	3.03	6.57	6.57	14	750
WA12280L	12	28	18.96	8.60	166	175	125	125	6.54	6.89	4.92	4.92	9	960
WA2-100	2	100	12.35	5.6	171	72	206	211	6.73	2.83	8.11	8.31	1.0	2100
WA2-150	2	150	17.64	8	172	102	205	227	6.77	4.02	8.07	8.94	0.85	2780
WA6-100	6	100	36.38	16.5	194	170	205	210	7.64	6.69	8.07	8.27	3.0	1850
WA6-150	6	150	51.82	23.5	260	180	247	252	10.24	7.09	9.72	9.92	3.0	2770
WA6-180	6	180	58.43	26.5	306	168	222	227	12.05	6.61	8.74	8.94	3.0	3330
WA6-200	6	200	63.95	29	322	178	226	247	12.68	7.01	8.90	9.72	2.5	3700
WA6-200S	6	200	66.15	30	260	180	247	252	10.24	7.09	9.72	9.92	2.5	3850
WA6-225	6	225	68.36	31	322	178	226	247	12.68	7.01	8.90	9.72	2.0	4070
WA6-225S	6	225	70.56	32	243	188	275	275	9.57	7.40	10.83	10.83	2.0	4100
WA12-33	12	33	22.49	10.2	195	130	159	180	7.68	5.12	6.26	7.09	9.0	825
WA12-40	12	40	28.67	13	198	166	171	171	7.80	6.54	6.73	6.73	8.0	920
WA12-45	12	45	29.77	13.5	198	166	171	171	7.80	6.54	6.73	6.73	8.0	1050
WA12-55	12	55	39.69	18	229	138	210	235	9.02	5.43	8.27	9.25	7.0	1160
WA12-60	12	60	45.20	20.5	260	169	210	235	10.24	6.65	8.27	9.25	6.5	1380
WA12-65	12	65	46.31	21	350	167	180	183	13.78	6.57	7.09	7.20	6.5	1500
WA12-70	12	70	49.61	22.5	350	167	180	183	13.78	6.57	7.09	7.20	6.5	1520
WA12-70S	12	70	47.41	21.5	260	169	210	235	10.24	6.65	8.27	9.25	6.5	1480
WA12-75	12	75	51.82	23.5	260	169	210	235	10.24	6.65	8.27	9.25	6.0	1720
WA12-80	12	80	52.92	24	350	167	180	183	13.78	6.57	7.09	7.20	5.5	1840
WA12-85	12	85	57.33	26	306	169	210	235	12.05	6.65	8.27	9.25	5.2	1900
WA12-90	12	90	62.84	28.5	306	169	210	235	12.05	6.65	8.27	9.25	5.2	1940
WA12-90A	12	90	61.74	28	306	169	210	235	12.05	6.65	8.27	9.25	5.5	1850
WA12-95	12	95	62.84	28.5	328	172	222	222	12.91	6.77	8.74	8.74	5.5	1850
WA12-100	12	100	66.15	30	328	172	222	222	12.91	6.77	8.74	8.74	5.0	2150
WA12-100A	12	100	63.95	29	328	172	222	222	12.91	6.77	8.74	8.74	5.5	2050
WA12-100S	12	100	63.95	29	306	169	210	235	12.05	6.65	8.27	9.25	5.0	2200
WA12-120	12	120	77.18	35	407	177	225	225	16.02	6.97	8.86	8.86	4.5	2220
WA12-120S	12	115	70.56	32	328	172	222	222	12.91	6.77	8.74	8.74	4.2	2300
WA12-134	12	134	91.51	41.5	344	173	280	285	13.54	6.81	11.02	11.22	4.5	2480
WA12-145	12	145	97.02	44	344	173	280	285	13.54	6.81	11.02	11.22	4.5	2520
WA12-150	12	150	98.12	44.5	483	170	240	240	19.02	6.69	9.45	9.45	4.3	2700
WA12-150A	12	150	96.36	43.7	483	170	240	240	19.02	6.69	9.45	9.45	4.4	2600
WA12-160	12	160	110.3	50	530	209	214	219	20.87	8.23	8.43	8.62	4.5	2550
WA12-180	12	180	116.9	53	530	209	214	219	20.87	8.23	8.43	8.62	4.2	2800
WA12-200	12	200	132.3	60	522	240	219	240	20.55	9.45	8.62	9.45	4.0	3430
WA12-225	12	225	147.7	67	522	240	219	240	20.55	9.45	8.62	9.45	3.8	3980
WA12-230	12	230	147.7	67	521	269	203	208	20.51	10.59	7.99	8.19	4.0	4100
WA12-240	12	240	152.1	69	522	240	219	240	20.55	9.45	8.62	9.45	3.7	4300
WA12-260	12	260	163.2	74	520	268	220	225	20.47	10.55	8.66	8.86	3.5	4810

* Above table is for reference only. For more information, please request specification sheet from our sales representative.



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WH Series

VRLA Batteries



Summary

By combining proprietary high-rate plate design with low internal resistance AGM separators, Westinghouse created the innovative High Rate range of batteries. This range offers extremely high power output with 5 to 10 years of floating life and is highly suited to high-rate UPS and power switchgear applications.

Product Features

- **Superb high-rate discharge** - Ensures reliable performance in UPS applications for up to 10 years.
- **Dependable Performance** - Absorbent Glass Mat (AGM) technology that guarantees safe operation.
- **Compact Design** - Lower internal resistance; power/volume ratio yielding unrivaled energy density.
- **Maintenance-Free**
- **Non-Spillable**
- **Rugged Construction** - UL94-HB ABS plastic (UL94-V0 optional) case and cover.
- **Wide Operation Temperature Range** - From -20°C-60°C.
- **Built-in Reliability** - Meet UL, IEC, JIS and BS standards.

Applications

UPS/EPS, Electric Tools, Toys, Medical Equipment, Wheelchairs, Security Systems and more.

Compliant Standards

- GB / T19638.2 - 2005
- YD / T799- 2002
- JIS C8704 2006
- IEC 60896-21 / 22 2004
- Passed ISO9001, ISO14001, OHSAS18001 UL

Main Parameters

Model	Watts/ cell @15min (1.67Vpc)	Nominal Voltage (V)	Capacity C20 (Ah)	Weight		Dimensions								Internal Resistance (mΩ@15°C)	Short-Circuit Current (A)
				Lbs	Kg	Metric (mm)				Imperial (Inch)					
						L	W	H	Total Height	L	W	H	Total Height		
WH6-16W	16	6	4.5	1.59	0.72	70	47	101	107	2.76	1.85	3.98	4.21	25	223
WH6-18W	18	6	5	1.65	0.75	70	47	101	107	2.76	1.85	3.98	4.21	20	251
WH6-20W	20	6	5.3	1.76	0.8	70	47	101	107	2.76	1.85	3.98	4.21	18	278
WH6-22W	22	6	5.5	1.76	0.8	70	47	101	107	2.76	1.85	3.98	4.21	18	306
WH6-28W	28	6	7.5	2.65	1.2	151	34	94	100	5.94	1.34	3.70	3.94	11	390
WH6-32W	32	6	8	2.87	1.3	151	34	94	100	5.94	1.34	3.70	3.94	10	445
WH6-36W	36	6	9	2.98	1.35	151	34	94	100	5.94	1.34	3.70	3.94	10	450
WH6-850W	850	6	225	72.77	33	243	188	275	275	9.57	7.40	10.83	10.83	2.5	3850
WH12-16W	16	12	4.5	3.09	1.4	90	70	101	107	3.54	2.76	3.98	4.21	35	225
WH12-18W	18	12	5	3.53	1.6	90	70	101	107	3.54	2.76	3.98	4.21	35	250
WH12-20W	20	12	5.3	3.75	1.7	90	70	101	107	3.54	2.76	3.98	4.21	30	275
WH12-20WB	21	12	5.8	4.08	1.85	151	50	95	101	5.94	1.99	3.74	3.98	25	270
WH12-22W	22	12	5	3.64	1.65	90	70	101	107	3.54	2.76	3.98	4.21	25	280
WH12-28W	28	12	7.5	4.85	2.2	151	65	94	100	5.94	2.56	3.70	3.94	19	390
WH12-32W	32	12	8	5.25	2.38	151	65	94	100	5.94	2.56	3.70	3.94	18	440
WH12-36W	36	12	9	5.80	2.63	151	65	94	100	5.94	2.56	3.70	3.94	18	450
WH12-48W	45	12	14	9.26	4.2	151	98	94	100	5.94	3.86	3.70	3.94	12	660
WH12-70W	70	12	18	12.35	5.6	181	77	167	167	7.13	3.03	6.57	6.57	14	860
WH12-80W	83	12	22	13.67	6.2	181	77	167	167	7.13	3.03	6.57	6.57	12	900
WH12-88W	90	12	22	14.33	6.5	181	76	166	166	7.13	2.99	6.54	6.54	10	920
WH12-96W	100	12	26	17.86	8.1	166	175	125	125	6.54	6.89	4.92	4.92	8	950
WH12-104W	105	12	28	18.96	8.6	166	175	125	125	6.54	6.89	4.92	4.92	8	980
WH12-125W	125	12	33	22.49	10.2	195	130	159	180	7.68	5.12	6.26	7.09	9	930
WH12-150W	150	12	40	28.67	13	198	166	171	171	7.80	6.54	6.73	6.73	8	1100
WH12-200W	208	12	55	39.69	18	229	138	210	235	9.02	5.43	8.27	9.25	6.8	1350
WH12-240W	246	12	65	46.31	21	350	167	180	183	13.78	6.57	7.09	7.20	6.5	1650
WH12-280W	280	12	75	54.68	24.8	260	169	210	235	10.24	6.65	8.27	9.25	6	1850
WH12-350W	340	12	90	63.95	29	306	169	210	235	12.05	6.65	8.27	9.25	5.5	2100
WH12-450W	450	12	120	81.59	37	407	177	225	225	16.02	6.97	8.86	8.86	4	3000
WH12-570W	570	12	150	101.43	46	483	170	240	240	19.02	6.69	9.45	9.45	3.8	3100
WHL12-380W	380	12	100	70.56	32	328	172	222	227	12.91	6.77	8.74	8.94	4.2	2350
WHL12-380SW	378	12	100	69.46	31.5	306	169	210	235	12.05	6.65	8.27	9.25	4	2550
WHL12-570W	568	12	150	103.6	47	483	170	240	240	19.02	6.69	9.45	9.45	4	2950
WHL12-570SW	570	12	150	99.20	45	340	173	280	285	13.39	6.81	11.02	11.22	4.4	2900
WHL12-650W	682	12	200	137.8	62.5	522	240	219	240	20.55	9.45	8.62	9.45	3.8	3850
WHL12-780W	780	12	240	164.3	74.5	522	240	219	240	20.55	9.45	8.62	9.45	3.6	4200

* Above table is for reference only. For more information, please request specification sheet from our sales representative.



WD Series

VRLA Batteries



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Summary

Westinghouse created an innovative range of WD batteries that offers 30% higher cyclic life with 5 to 10 years of floating life when compared with the standard battery of its' type. This series is highly suited for applications requiring the batteries to provide extra cyclic life performance such as outdoor applications, solar energy systems, RVs and more.

Product Features

- **Critical Cycle Life** - 30% higher cyclic life with 5 to 10 years of floating life when compared with the standard battery of its' type.
- **Dependable Performance** - Absorbent Glass Mat (AGM) technology for superior performance.
- **Compact Design** - Lower internal resistance; power/volume ratio yielding unrivaled energy density.
- **Maintenance-Free**
- **Non-Spillable**
- **Rugged Construction** - UL94-HB ABS plastic (UL94-V0 optional) case and cover.
- **Wide Operation Temperature Range** - From -20°C-60°C.
- **Built-in Reliability** - Meet UL, IEC, JIS and BS standards.

Applications

Photo-voltaic/Wind Energy, UPS/EPS, Boats, Light Electric Power Supply

Compliant Standards

- IEC60896-21 / 22 -2004
- DIN43539-T5
- YD / T1360-2005
- Passed ISO9001, ISO14001, OHSAS18001 UL

Main Parameters

Model	Nominal Voltage	Capacity C20	Weight		Dimensions								Internal Resistance	Short-Circuit Current
	(V)	(Ah)	Lbs	Kg	Metric (mm)				Imperial (Inch)				(mΩ@15°C)	(A)
					L	W	H	Total Height	L	W	H	Total Height		
WD12-26	12	26	17.86	8.1	166	175	125	125	6.54	6.89	4.92	4.92	10.0	900
WD12-26S	12	26	18.30	8.3	165	126	174	174	6.50	4.96	6.85	6.85	11.5	850
WD12-28	12	28	18.96	8.6	166	175	125	125	6.54	6.89	4.92	4.92	9.0	950
WD12-28S	12	28	19.40	8.8	165	126	174	174	6.50	4.96	6.85	6.85	10.0	880
WD6-180	6	180	61.74	28	306	168	222	227	12.05	6.61	8.74	8.94	3.0	3330
WD6-200	6	200	63.95	29	322	178	226	247	12.68	7.01	8.90	9.72	2.5	3700
WD6-200S	6	200	66.15	30	260	180	247	252	10.24	7.09	9.72	9.92	2.5	3510
WD6-225S	6	225	70.56	32	243	188	275	275	9.57	7.40	10.83	10.83	2.0	3980
WD12-40	12	40	28.67	13	198	166	171	171	7.80	6.54	6.73	6.73	8.0	1000
WD12-55	12	55	39.69	18	229	138	210	235	9.02	5.43	8.27	9.25	7.0	1100
WD12-65	12	65	46.31	21	350	167	180	183	13.78	6.57	7.09	7.20	6.5	1500
WD12-75	12	75	51.82	23.5	260	169	210	235	10.24	6.65	8.27	9.25	6.5	1720
WD12-75A	12	75	50.72	23	260	169	210	235	10.24	6.65	8.27	9.25	6.0	1720
WD12-80	12	80	52.92	24	350	167	180	183	13.78	6.57	7.09	7.20	6.0	1840
WD12-80A	12	80	50.05	22.7	350	167	180	183	13.78	6.57	7.09	7.20	6.5	1700
WD12-90	12	90	62.84	28.5	306	169	210	235	12.05	6.65	8.27	9.25	5.2	1940
WD12-90A	12	90	62.84	28.5	306	169	210	235	12.05	6.65	8.27	9.25	5.7	1850
WD12-100	12	100	66.15	30	328	172	222	222	12.91	6.77	8.74	8.74	5.0	2100
WD12-100A	12	100	63.95	29	328	172	222	222	12.91	6.77	8.74	8.74	5.0	2150
WD12-100S	12	100	63.95	29	306	169	210	235	12.05	6.65	8.27	9.25	4.8	2150
WD12-120	12	120	77.18	35	407	177	225	225	16.02	6.97	8.86	8.86	4.5	2220
WD12-120A	12	120	74.97	34	407	177	225	225	16.02	6.97	8.86	8.86	4.5	2220
WD12-120S	12	115	70.56	32	328	172	222	222	12.91	6.77	8.74	8.74	4.2	2130
WD12-134	12	134	91.51	41.5	340	173	280	285	13.39	6.81	11.02	11.22	4.5	2480
WD12-145	12	145	97.02	44	340	173	280	285	13.39	6.81	11.02	11.22	4.5	2630
WD12-150	12	150	98.12	44.5	483	170	240	240	19.02	6.69	9.45	9.45	4.2	2780
WD12-150A	12	150	96.36	43.7	483	170	240	240	19.02	6.69	9.45	9.45	4.5	2600
WD12-160	12	160	110.3	50	530	209	214	219	20.87	8.23	8.43	8.62	4.5	2960
WD12-180	12	180	116.9	53	530	209	214	219	20.87	8.23	8.43	8.62	4.0	3330
WD12-200	12	200	132.3	60	522	240	219	240	20.55	9.45	8.62	9.45	4.0	3700
WD12-200A	12	200	130.1	59	522	240	219	240	20.55	9.45	8.62	9.45	4.0	3430
WD12-225A	12	225	141.1	64	522	240	219	240	20.55	9.45	8.62	9.45	3.8	3980
WD12-260	12	260	163.2	74	520	268	220	225	20.47	10.55	8.66	8.86	3.5	4810
WD2-200	2	200	30.87	14	171	111	366	366	6.73	4.37	14.41	14.41	0.80	2650
WD2-250	2	250	35.28	16	171	111	366	366	6.73	4.37	14.41	14.41	0.76	2800
WD2-300	2	300	41.90	19	171	150	365	365	6.73	5.91	14.37	14.37	0.72	2910
WD2-350	2	350	47.41	21.5	171	150	365	365	6.73	5.91	14.37	14.37	0.70	3200
WD2-400	2	400	57.33	26	211	176	329	366	8.31	6.93	12.95	14.41	0.67	3400
WD2-450	2	450	61.74	28	211	176	329	367	8.31	6.93	12.95	14.45	0.65	3630
WD2-500	2	500	67.25	30.5	242	172	329	366	9.53	6.77	12.95	14.41	0.62	4210
WD2-600	2	600	81.59	37	302	175	328	365	11.89	6.89	12.91	14.41	0.63	5080
WD2-650	2	650	88.20	40	302	175	328	365	11.89	6.89	12.91	14.41	0.61	5200
WD2-750	2	750	101.4	46	411	175	327	368	16.18	6.89	12.87	14.49	0.60	6050
WD2-800	2	800	110.3	50	411	175	327	368	16.18	6.89	12.87	14.49	0.60	6370
WD2-1000	2	1000	136.7	62	479	175	327	368	18.86	6.89	12.87	14.49	0.55	6850
WD2-1200	2	1200	156.6	71	479	175	327	368	18.86	6.89	12.87	14.49	0.53	7830
WD2-1500	2	1500	211.7	96	401	352	338	383	15.79	13.86	13.31	15.08	0.50	10200

* Above table is for reference only. For more information, please request specification sheet from our sales representative.



OPzS Series

Flooded Tubular Batteries



Summary

The OPzS batteries are tubular plate flooded batteries with a lifespan of 2200 cycles at 80% DOD at 25°C according to DIN / EN 60 254-2 (IEC 254-1). This range is most suited for all standby power applications that require the highest levels of reliability and security.

Product Features

- **Prolonged cycle life** - Up to 2200 cycles design life at floating condition at 25 °C.
- **High Operational Reliability.**
- **Excellent Deep-Discharge Recovery Capability.**
- **Rugged Construction** - High strength PP plastic case and cover.
- **Wide Operation Temperature Range** - From -40°C-70°C.
- **Built-in Reliability** - Meet UL, IEC, JIS and BS standards.

Applications

Telecommunications, Photo-voltaic/Wind Energy, UPS, Power Storage Plant, Military

Compliant Standards

- IEC60896-21 / 22 -2004
- DIN43539-T5
- YD / T1360-2005
- Passed ISO9001, ISO14001, OHSAS18001

Main Parameters

Model	Nominal Voltage	Capacity C20	Weight		Dimensions								Internal Resistance	Short-Circuit Current
	(V)	(Ah)	Lbs	Kg	Metric (mm)				Imperial (Inch)				(mΩ@15°C)	(A)
					L	W	H	Total Height	L	W	H	Total Height		
OPzS2-200	2	200	13.3	17.6	103	206	355	410	4.06	8.11	13.98	16.14	0.95	3410
OPzS2-250	2	250	15.8	21.1	124	206	355	410	4.88	8.11	13.98	16.14	0.76	4000
OPzS2-300	2	300	18.5	24.5	145	206	355	410	5.71	8.11	13.98	16.14	0.70	4550
OPzS2-350	2	350	21.5	28.8	124	206	471	526	4.88	8.11	18.54	20.71	0.65	4850
OPzS2-420	2	420	25.1	33.6	145	206	471	526	5.71	8.11	18.54	20.71	0.58	5400
OPzS2-490	2	490	28.9	38.7	166	206	471	526	6.54	8.11	18.54	20.71	0.50	6000
OPzS2-600	2	600	34.4	46.4	145	206	646	701	5.71	8.11	25.43	27.60	0.45	6200
OPzS2-770	2	770	45.4	58.6	254	210	471	526	10.00	8.27	18.54	20.71	0.31	6440
OPzS2-800	2	800	47.6	64.3	191	210	646	701	7.52	8.27	25.43	27.60	0.35	6800
OPzS2-1000	2	1000	57.8	78.0	233	210	646	701	9.17	8.27	25.43	27.60	0.28	7900
OPzS2-1200	2	1200	68.0	91.8	275	210	646	701	10.83	8.27	25.43	27.60	0.23	8200
OPzS2-1500	2	1500	83.5	113.5	275	210	796	851	10.83	8.27	31.34	33.50	0.21	8500
OPzS2-2000	2	2000	112.8	153.4	399	214	772	827	15.71	8.43	30.39	32.56	0.17	9300
OPzS2-2500	2	2500	140.4	190.9	487	212	772	827	19.17	8.35	30.39	32.56	0.13	10300
OPzS2-3000	2	3000	166.7	226.8	576	212	772	827	22.68	8.35	30.39	32.56	0.11	10700

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OPzV Series

Tubular Gel VRLA Batteries



Summary

By adopting immobilized GEL and tubular plate technology, Westinghouse created the innovative OPzV range of batteries. The range offers 20+ years life and high deep-cycling capabilities. This range is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.

Product Features

- **Prolonged cycle life** - Up to 20+ years life at floating condition at 25 °C.
- **Low Self-Discharge Rate**
- **Long Shelf Life** - 2 years at 20°C.
- **Immobilized Silica GEL**
- **Excellent Deep - Discharge Recovery Capability**
- **Maintenance-Free**
- **Non-Spillable**
- **Rugged Construction** - ABS plastic (UL94-HB / UL94-V1) case and cover.
- **Wide Operation Temperature Range** - From -40°C-70°C.
- **Built-in Reliability** - Meet UL, IEC, JIS and BS standards.

Applications

Traction forklifts, Electric vehicles, Photo-voltaic/Wind Power

Compliant Standards

- IEC 60254- 2005
- DIN / EN 60254-2
- GB 7403-2008
- Passed ISO9001, ISO14001, OHSAS18001, UL

Main Parameters

Model	Nominal Voltage	Capacity C20	Weight		Dimensions								Internal Resistance	Short-Circuit Current
	(V)	(Ah)	Lbs	Kg	Metric (mm)				Imperial (Inch)				(mΩ@15°C)	(A)
					L	W	H	Total Height	L	W	H	Total Height		
OPzV2-200	2	200	37.04	16.8	103	206	355	390	4.06	8.11	13.98	15.35	0.60	3410
OPzV2-250	2	250	45.2	20.5	124	206	355	390	4.88	8.11	13.98	15.35	0.57	4000
OPzV2-300	2	300	54.02	24.5	145	206	355	390	5.71	8.11	13.98	15.35	0.55	4550
OPzV2-350	2	350	62.84	28.5	124	206	471	506	4.88	8.11	18.54	19.92	0.42	4850
OPzV2-420	2	420	72.77	33	145	206	471	506	5.71	8.11	18.54	19.92	0.38	5400
OPzV2-490	2	500	84.89	38.5	166	206	471	506	6.54	8.11	18.54	19.92	0.35	6000
OPzV2-600	2	600	102.5	46.5	145	206	646	681	5.71	8.11	25.43	26.81	0.33	6200
OPzV2-770	2	770	123.5	56	210	254	471	506	8.27	10.00	18.54	19.92	0.31	6440
OPzV2-800	2	800	138.9	63	191	210	646	681	7.52	8.27	25.43	26.81	0.30	6800
OPzV2-1000	2	1000	169.8	77	233	210	646	681	9.17	8.27	25.43	26.81	0.27	7900
OPzV2-1200	2	1200	202.9	92	275	210	646	681	10.83	8.27	25.43	26.81	0.25	8200
OPzV2-1500	2	1500	242.6	110	275	210	796	831	10.83	8.27	31.34	32.72	0.23	8500
OPzV2-2000	2	2000	330.8	150	399	214	772	807	15.71	8.43	30.39	31.77	0.22	9300
OPzV2-2500	2	2500	419.0	190	487	212	772	807	19.17	8.35	30.39	31.77	0.20	10300
OPzV2-3000	2	3000	496.1	225	576	212	772	807	22.68	8.35	30.39	31.77	0.19	10700

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Westinghouse





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