



WA Series



WH Series



WD Series

Rechargeable Lead Acid Batteries Catalogue



Over 135 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.

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.



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-50°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

- IEC 60896-21/22 2004
- Passed ISO9001, ISO14001, OHSAS18001 UL

Main Parameters

Battery Model	Nominal Voltage	Rated Capacity(Ah), 25°C			Internal Resistance	Terminal Type	Terminal Location	Weight	Dimensions			
	(V)	20Hr 1.80V/cell	10Hr 1.80V/cell	3Hr 1.80V/cell	(mΩ)			(kg)	(mm)			
									L	W	H	Total Height
WA2-100	2	107	100	75	0.8	T16	A	5.30	171	72	205	210
WA2-150	2	159	150	113	0.6	T18	G	8.00	171	102	206	221
WA2-200	2	204	200	150	0.8	T20	G	12.70	171	111	330	364
WA2-300	2	318	300	225	0.7	T20	G	18.00	171	151	330	364
WA2-400	2	424	400	300	0.6	T20	H	25.50	210	176	330	367
WA2-500	2	530	500	375	0.5	T20	H	31.50	241	171	330	365
WA2-600	2	636	600	450	0.5	T20	H	36.50	302	175	330	367
WA2-800	2	848	800	600	0.4	T20	J	50.50	410	175	330	367
WA2-1000	2	1060	1000	750	0.3	T20	J	60.50	475	175	330	367
WA2-1500	2	1590	1500	1125	0.2	T20	K	93.00	400	350	345	382
WA2-2000	2	2120	2000	1500	0.2	T20	L	124.0	490	350	345	382
WA2-3000	2	3180	3000	2250	0.1	T20	L	180.0	710	350	345	382
WA2-3000	2	3180	3000	2250	0.1	T20	L	180.0	710	350	345	382
WA445	4	4.5	4.2	3	15	T1	D	0.52	47	47	101	107
WA490	4	9	8.4	6	9	T1/T2	C	0.95	102	44	95	101
WA612	6	1.2	1.1	0.8	52	T1	C	0.28	98	25	52	58
WA628	6	2.8	2.6	1.9	27	T1	A	0.48	66	33	97	103
WA632	6	3.2	3	2.3	25	T1	C	0.60	134	34	61	67
WA650	6	5	4.7	3.6	15	T1	A	0.84	70	48	101	107
WA680	6	8	7.5	5.8	10	T1/T2	C	1.28	151	34	94	100
WA6120	6	12	11	8.7	10	T1/T2	C	1.70	151	50	94	100
WA6-100	6	106	100	75	3	T14	A	14.80	194	170	205	210
WA6-150	6	159	150	112.5	2.5	T16	B	24.00	260	180	245	250
WA6-180	6	190	180	135	2.2	T16	B	27.50	306	169	220	225
WA6-200	6	212	200	150	2	T16	A	29.00	322	178	227	230
WA1212	12	1.2	1.1	0.9	90	T1	E	0.54	98	43	52	58
WA1223	12	2.3	2.1	1.6	60	T1	C	0.88	178	34	60	66
WA1220	12	2	1.9	1.4	72	T1	C	0.74	70	47	98	103
WA1229	12	2.9	2.7	2.1	45	T1	D	1.05	79	56	99	104
WA1232	12	3.2	3	2.3	50	T1	F	1.20	134	67	61	67
WA1245	12	4.5	4.2	3	30	T1/T2	C	1.50	90	70	101	107
WA1255	12	5.5	5	3.9	32	T1/T2	F	1.85	151	65	94	100
WA1270	12	7	6.5	5.1	25	T1/T2	F	2.10	151	65	94	100
WA1272	12	7.2	6.7	5.2	30	T1/T2	F	2.20	151	65	94	100
WA1290	12	9	8.4	7.2	19	T1/T2	F	2.65	151	65	94	100
WA12120	12	12	11	8.7	19	T1/T2	F	3.40	151	98	95	101
WA12170	12	17	16	12.3	17	T3/T12	D	5.00	181	77	167	167
WA12200	12	20	18.5	14.5	12	T3/T12	D	5.50	181	77	167	167
WA12260	12	26	24	18.9	12	T4/T12	D	7.90	166	175	125	125
WA12-35	12	37	35	25	11	T14/T6	C	10.50	195	130	155	167/180
WA12-45	12	47	45	33	7.5	T14	D	13.80	197	165	170	170
WA12-55	12	58	55	41.1	6.5	T14	C	17.30	230	138	211	215
WA12-65	12	69	65	48	6.5	T14	C	20.40	350	166	179	179
WA12-80	12	84	80	60	5.5	T14	C	24.20	260	168	211	215
WA12-90	12	95	90	67.5	5	T14	C	27.00	306	169	211	215
WA12-100	12	106	100	75	4.5	T16	C	29.50	330	171	214	220
WA12-120	12	127	120	90	4	T16	C	34.80	409	176	225	225
WA12-150	12	159	150	112.5	4	T16	C	41.80	485	172	240	240
WA12-160	12	169	160	120	3.5	T16	E	50.00	530	207	214	218
WA12-180	12	190	180	135	3.2	T16	E	54.00	530	207	214	218
WA12-200	12	212	200	150	3.5	T18	E	59.50	522	238	218	222
WA12-250	12	266	250	187.5	3	T18	E	72.00	521	269	220	224

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



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-50°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

- IEC 60896-21 / 22 2004
- Passed ISO9001, ISO14001, OHSAS18001 UL

Main Parameters

Battery Model	Nominal Voltage	Rated Capacity(Ah), 25°C			Internal Resistance	Terminal Type	Terminal Location	Weight	Dimensions			
	(V)	20Hr 1.80V/cell	10Hr 1.80V/cell	3Hr 1.80V/cell	(mΩ)			(kg)	(mm)			
									L	W	H	Total Height
WH6-34W	6	34	9	8	T1/T2	C	1.35	151	34	94	100	364
WH12-21W	12	21	5	23	T1/T2	C	1.62	90	70	101	107	364
WH12-24W	12	24	6	19	T1/T2	F	1.94	151	51	94	99	367
WH12-28W	12	28	7.5	20	T1/T2	F	2.35	151	65	94	100	365
WH12-34W	12	34	9	14	T1/T2	F	2.60	151	65	94	100	367
WH12-35W	12	35	9	17	T1/T2	F	2.73	151	65	94	100	367
WH12-51W	12	51	12	11	T1/T2	F	4.00	151	98	95	101	367
WH12-76W	12	76	18	12	T12	D	5.80	181	77	167	167	382
WH12-110W	12	110	28	9	T14	D	8.80	166	126	174	174	382
WH12-130W	12	130	35	8	T14	C	11.50	195	130	155	167	382
WH12-160W	12	160	48	7	T14	D	14.30	197	165	170	170	210
WH12-200W	12	200	58	6.5	T14	C	17.30	230	138	211	215	250
WH12-280W	12	280	80	5	T14	C	25.30	260	168	211	215	225
WH12-330W	12	330	100	5	T14	C	28.50	306	169	211	215	230
WH12-390W	12	390	115	4	T16	C	32.70	330	171	214	220	100
WH12-475W	12	475	145	3.8	T16	C	44.00	342	172	280	285	101
WH12-520W	12	520	155	3.4	T16	C	47.00	342	172	280	285	167
WH12-520W	12	520	155	3.4	T16	C	47.00	342	172	280	285	125

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



WD Series

VRLA Batteries



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-50°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
- Passed ISO9001, ISO14001, OHSAS18001 UL

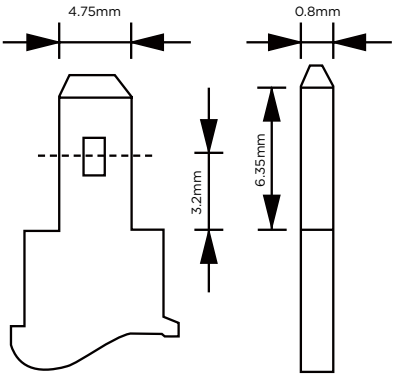
Main Parameters

Battery Model	Nominal Voltage	Rated Capacity(Ah), 25°C			Internal Resistance	Terminal Type	Terminal Location	Weight	Dimensions			
	(V)	20Hr 1.80V/cell	10Hr 1.80V/cell	3Hr 1.80V/cell	(mΩ)			(kg)	(mm)			
									L	W	H	Total Height
WD2-200	2	222	200	183	0.9	T20	G	14	171	111	330	364
WD2-300	2	340	300	278	0.75	T20	G	19.5	171	151	330	364
WD2-400	2	446	400	365	0.6	T20	H	27	210	176	330	367
WD2-500	2	562	500	460	0.5	T20	H	31.5	241	171	330	365
WD2-600	2	668	600	545	0.45	T20	H	38	302	175	330	367
WD2-800	2	890	800	730	0.35	T20	J	53	410	175	330	367
WD2-1000	2	1114	1000	910	0.28	T20	J	63	475	175	330	367
WD2-1500	2	1654	1500	1355	0.2	T20	K	96.5	400	350	345	382
WD2-2000	2	2220	2000	1825	0.17	T20	L	131	490	350	345	382
WD2-3000	2	3300	3000	2710	0.11	T20	L	191	710	350	345	382
WD6-100	6	109	100	88	2.8	T14	A	16	194	170	205	210
WD6-150	6	164	150	133	2.3	T16	B	25.5	260	180	245	250
WD6-180	6	196	180	158	2	T16	B	29.5	306	169	220	225
WD6-200	6	218	200	176	1.8	T16	A	30.5	322	178	227	230
WD1272	12	7,2	6,8	6,0	20	T1/T2	F	2.6	151	65	94	100
WD12120	12	12	11,7	10,3	13	T1/T2	F	4.05	151	98	95	101
WD12200	12	20	19	17,0	12	T3/T12	D	5.8	181	77	167	167
WD12260	12	26	24	21,5	12	T4/T12	D	8.2	166	175	125	125
WD12280	12	28	25	23,5	10	T5/T14	D	8.8	166	126	174	174
WD12-33	12	36	33	29	9	T14/T6	C	11	195	130	155	167/180
WD12-45	12	48	45	38	8	T14	D	14.5	197	165	170	170
WD12-50	12	57	50	46	6,50	T14	C	17.3	230	138	211	215
WD12-65	12	72	65	58	6.5	T14	C	21	350	166	179	179
WD12-80	12	87	80	70	5	T14	C	25.3	260	169	211	215
WD12-90	12	100	90	81	5	T14	C	28.5	306	169	211	215
WD12-100	12	108	100	87	4.5	T16	C	30.5	330	171	214	220
WD12-120	12	130	120	105	4	T16	C	36	409	176	225	225
WD12-134	12	145	134	119,5	3.8	T16/T16A	C	44	342	172	280	285
WD12-150	12	163	150	132	3.5	T16	C	44.5	485	172	280	285
WD12-200	12	216	200	174	3	T18	E	62.5	522	238	218	222
WD12-250	12	270	250	218	2.6	T18	E	75.5	521	269	220	224

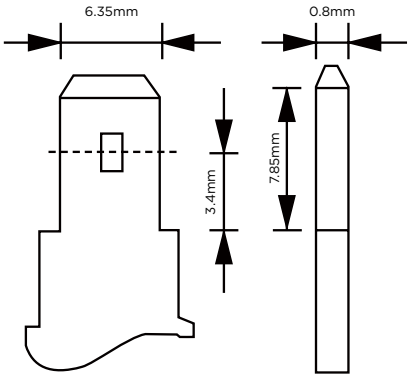
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Terminal Drawing:

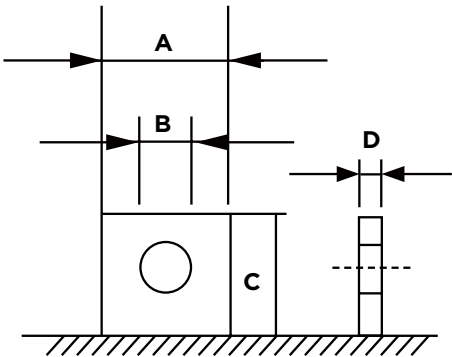


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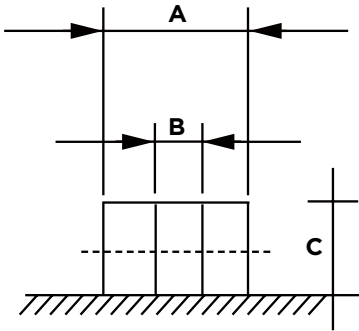
T2

Flat Terminal



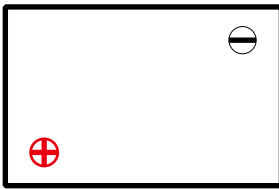
Type	A (mm)	B (mm)	C (mm)	D (mm)	Material
T3	12	6	12	2	Cu
T4	14	6	14	2	Cu
T5	16	7	17	8	Pb
T6	18	8	18	7	Pb
T7	18	7	20	8	Pb
T8	24	9	24	7	Pb
T9	26	9	25	8	Pb
T10	26	9	21	7	Pb
T21	20	6	18	3	Cu
T22	22	9	23	3	Cu
T25	25	9	23	3	Cu
T64	20	6	16	3	Cu

Insert Terminal

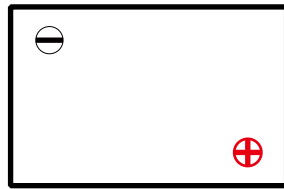


Type	A (mm)	B (mm)	C (mm)	Material
T12	12	5	2	Cu
T14	14	6	4	Cu
T16	16	8	5	Cu
T16A	16	6	5	Cu
T18	18	8	5	Cu
T20	20	8	5	Cu

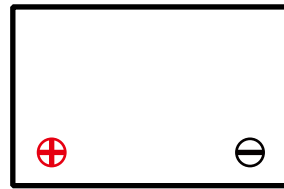
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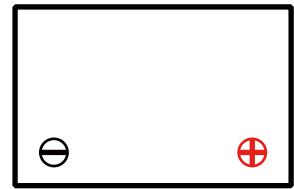
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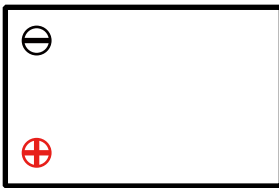
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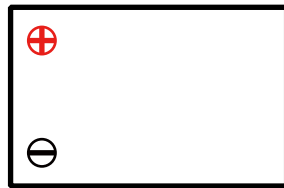
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D



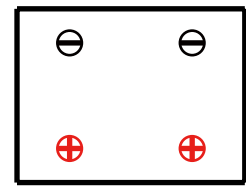
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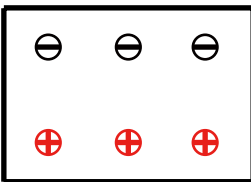
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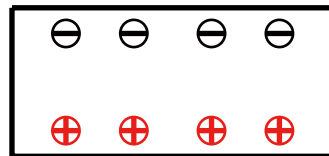
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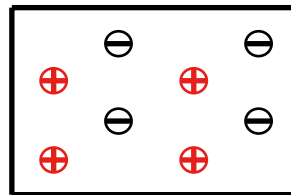
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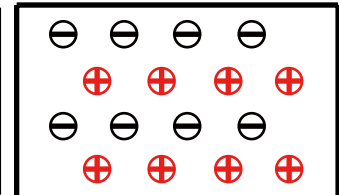
I



J



K



L



Camelion Battery Co., Ltd., a Westinghouse Electric Corporation licensee
Unit 705, Cyber Times Tower A, Tian'an Cyber Park, Shenzhen, Guangdong 518041, China
Email: info@westinghousebattery.com
www.westinghousebattery.com

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