

JS Series: 4V、6V、12V General Series

Summary:

JS series battery is the general purpose battery with stable performance, it is suitable for power supply in different industries or backup power supply equipment, etc..

Characteristics:

- Sealed structure, maintenance free (No need to add water during using process)
- Designed floating service life: 5 years @ 25°C
- Stable performance, small internal resistance and good high rate discharge performance.
- Self-discharge rate $\leq 3\%$ / month;

Applications:

UPS uninterrupted power supply, toys, lamps and lanterns, computers, emergency and security system, cameras, portable equipment, medical equipment, electronic said, rolling shutter door, outdoor mobile speakers, electric scooter, electronic cash registers.etc.

Item	Rate Voltage (V)	Rate Capacity (AH/20Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	Total Height	
JS4-4	4V	4 AH	T1	47	47	101	106	0.46KG
JS4-6	4V	6AH	T1	70	47	100	105	0.67KG
JS6-1.2	6V	1.2AH	T1	97	24	52	56	0.26KG
JS6-2.8	6V	2.8AH	T1	66	33	97	101	0.54KG
JS6-3.2	6V	3.2AH	T1	134	34	60	65	0.61KG
JS6-4	6V	4AH	T1	70	47	100	105	0.69KG
JS6-4.2	6V	4.2AH	T1	70	47	100	105	0.72KG
JS6-4.5	6V	4.5AH	T1	70	47	100	105	0.73KG
JS6-5	6V	5AH	T1	70	47	100	105	0.82KG
JS6-7	6V	7AH	T1	94	48	101	110	1.06kg
JS6-7.2	6V	7.2AH	T1	151	34	94	100	1.15KG

JS6-10	6V	10 AH	T1 /T2	151	50	94	100	1.60KG
JS6-12	6V	12 AH	T1 /T2	151	50	94	100	1.78KG
JS12-0.8	12V	0.8AH	Cable	96	25	62	62	0.36KG
JS12-1.3	12V	1.3AH	T1	97	43	53	57	0.55KG
JS12-2.3	12V	2.4AH	T1	179	35	61.5	67	0.89KG
JS12-3.2	12V	3.2AH	T1	134.5	67	60	65	1.23KG
JS12-4	12V	4AH	T1 /T2	89	69	101	106	1.35KG
JS12-4.5	12V	4.5AH	T1 /T2	89	69	101	106	1.46KG
JS12-5	12V	5AH	T1 /T2	89	69	101	106	1.59KG
JS12-5.5	12V	5.5AH	T1 /T2	89	69	101	106	1.66KG
JS12-6.5	12V	6.5AH	T1 /T2	151	65	95	100	1.95KG
JS12-7	12V	7AH	T1 /T2	151	65	95	100	2.02KG
JS12-7.2	12V	7.2AH	T1 /T2	151	65	95	100	2.15KG
JS12-7.5	12V	7.5AH	T1 /T2	151	65	95	100	2.20KG
JS12-8	12V	8AH	T1 /T2	151	65	95	100	2.34KG
JS12-9	12V	9AH	T1 /T2	151	65	95	100	2.54KG
JS12-10	12V	10AH	T1/T2	151	98	95	99	3.15KG
JS12-12	12V	12AH	T1 /T2	151	98	95	100	3.45KG
JS12-13	12V	13AH	T1 /T2	151	98	95	100	3.65KG
JS12-14	12V	14AH	T2	151	98	95	100	4.00KG
JS12-18	12V	18AH	T3/T10	180	76	167	172	5.00KG
JS12-20	12V	20 AH	T3/T10	180	76	167	172	5.50KG
JS12-24 (1)	12v	24AH	T3/T10	175	165	125	125	7.50KG
JS12-24 (2)	12v	24AH	T3/T10	165	125	175	175	7.50KG
JS12-26	12V	26AH	T3 /T10	175	165	125	125	7.70KG
JS12-28	12V	28AH	T3	175	165	125	125	8.20KG

JM Series: 12V General Series

Summary:

JM series battery is specially designed for UPS system, emergency power and security system applications. Using thick plate and high corrosion resistance grid alloy, matching with high-impact AGM separator, the battery maintains high consistency for better performance and reliable standby service life.

Characteristics:

- Valve Regulated design, no free liquid electrolyte, Maintenance -free
- Designed floating service life: 10 years @ 25°C
- Stable performance and small internal resistance, good high performance for recycle use.
- Thickened Sn alloy plate and the grid with corrosion resistance.
- Wide operating temperature range : -15-35°C
- Self-discharge rate: $\leq 3\%$ / month;

Applications:

UPS uninterrupted power supply, EPS equipment, toys, lamps and lanterns, computers, electric wheelchair, portable device, medical equipment, cable TV, rolling shutter door, outdoor mobile speakers, electric scooter, electronic cash register.

Item	Rate Voltage (V)	Rate Capacity (AH/10Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	Total Height	
JM12-33	12V	33AH	T11	197	130	160	180	9.80KG
JM12-35	12V	35AH	T11	197	130	160	180	10.60KG
JM12-38	12v	38AH	T12	197	166	176	176	11.50KG
JM12-40	12V	40AH	T12	197	166	176	176	13.20KG
JM12-45	12V	45AH	T12	197	166	170	170	14.10KG
JM12-50	12V	50AH	T12	229	138	210	228	15.50KG
JM12-55	12V	50AH	T12	229	138	210	228	17.50KG
JM12-65	12V	65AH	T11	350	169	179	179	20.30KG
JM12-70	12V	70AH	T12	260	169	210	215	21.50KG
JM12-80	12V	80AH	T12	260	169	210	215	23.50KG
JM12-90	12V	90AH	T13	307	168	211	241	28.50KG
JM12-100(1)	12v	100AH	T13	330	172	220	228	28.50KG
JM12-100(2)	12v	100AH	T13	330	172	220	228	29.50KG
JM12-100(3)	12V	100AH	T13	410	176	227	227	31.00KG
JM12-120	12V	120.0AH	T14	410	176	227	227	34.00KG

JM12-150(1)	12V	150.0AH	T13	485	170	241	241	42.50KG
JM12-150(2)	12V	150.0AH	T13	485	170	241	241	45.00KG
JM12-200	12V	200.0AH	T13	522	240	219	224	59.80KG
JM12-250	12V	250.0AH	T13	522	269	220	225	68.10KG

JL Series: 2V General Series

Summary:

JL2V series adopt high elastic AGM separator and extra thicker plate with the special paste formula.

The batteries have stable charge and discharge performance, low self-discharge rate, long service life.

They are very suitable for telecom power system equipment use.

Characteristics:

- Valve Regulated design, no free liquid electrolyte, Maintenance -free
- Designed floating service life: 15 years (25°C)
- Operating temperature range: -15-35°C
- Thicker plate design, long service life
- Self-discharge rate $\leq 3\%$ per month

Application:

Telecom power system, UPS system, DATA centre, solar power, wind energy.etc

Specification:

Item	Rate Voltage (V)	Rate Capacity (AH/10Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	Total Height	
JL2-100	2V	100AH	T13	171	72	206	211	6.00KG
JL2-200	2V	200AH	T15/T13	170	106	312	342	13.00KG
JL2-300	2V	300AH	T15/T13	170	150	312	342	18.50KG
JL2-350	2V	350AH	T15/T13	170	150	312	342	19.60KG
JL2-400	2V	400AH	T15/T13	196	171	312	342	25.20KG
JL2-500	2V	500AH	T15/T13	241	171	312	342	31.59KG
JL2-600	2V	600AH	T15/T13	285	171	312	342	36.54KG

JL2-800	2V	800AH	T15/T13	383	171	312	342	51.36KG
JL2-1000	2V	1000AH	T15/T13	471	171	312	342	62.00KG
JL2-1200	2V	1200	T15/T13	471	171	312	342	65.00KG
JL2-1500	2V	1500AH	T15/T13	355	337	312	342	92.00KG
JL2-2000	2V	2000AH	T15/T13	476	337	312	365	122.00KG
JL2-3000	2V	3000AH	T15/T13	696	340	312	365	175.00KG

JF Series: Front Terminal Series

Summary:

JF series Front Terminal Battery is specially designed for telecom applications, floating charge design life can reach to 10 years. It adopts a special paste formula to improve battery charge acceptance. By stable performance and good consistency, it is suitable for the application of outdoor telecommunication and other backup power supply. The design of long & narrow structure and front terminal make it easy to be installed and maintained.

Characteristics:

- Valve Regulated design, no free liquid electrolyte, Maintenance -free
- Designed floating service life: 10 years @ 25°C
- Operating temperature range: -15°C -35°C
- Special lead plaster and gel electrolytes for improving battery charging performance.
- Self-discharge rate $\leq 3\%$ / month;

Applications:

Telecom power system, UPS system, DATA centre, solar power, wind energy.etc

Specification:

Item	Rate Voltage (V)	Rate Capacity (AH/10Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	Total Height	
JF12-55	12V	55AH	T14	277	106	223	223	18KG
JF12-80	12V	80AH	T14	563	115	188	188	27.3KG
JF12-100	12V	100AH	T14	395	110	286	286	32KG
JF12-105	12V	105AH	T14	507	110	223	238	32.5KG

JF12-150	12V	150AH	T14	552	110	287	287	44.5KG
JF12-155	12V	155AH	T14	552	110	287	287	48.5KG
JF12-180	12V	180AH	T14	560	125	317	317	55.5KG
JF12-190	12V	190AH	T14	560	125	317	317	60.7KG

JDG Series: Gel Series (2v & 12v)

Summary:

By combining the newly developed Nanometer Gel electrolyte, high tin content cathode plate and AGM separator, JDG series battery enjoys excellent discharging performance, long cycle life and stable performance at high and low temperature surrounding.. JDG series is suited for all kinds of ranges for the energy storage, especially for renewable solar energy systems etc.

Battery Characteristics:

- Valve sealed design, no free electrolyte, Maintenance -free
- Designed floating service life:12 years @ 25 °C/68 °F.
- Wide operating temperature range from -15°C to 45°C
- Nanometer gel electrolytes eliminate the acid stratification and prolong cycle life
- Low self-discharge rate: $\leq 3\%$ /month.

Applications:

UPS Systems、Portable Equipment、Renewable Energy Systems、Electric Utilities、Outdoor control Equipments、Railroad Utilities、Telecom Systems、Wheelchair etc.

Specification:

Item	Rate Voltage (V)	Rate Capacity (AH/10Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	/Total Height	
JDG12-33	12V	33AH	T11	197	131	161	168	9.80KG
JDG12-35	12V	35AH	T11	197	131	161	168	10.60KG
JDG12-38	12v	38AH	T12	197	166	176	176	11.50KG
JDG12-40	12V	40AH	T12	197	166	176	176	13.70KG
JDG12-50	12V	50AH	T12	229	137	205	210	15.50KG

JDG12-55	12V	55AH	T12	229	137	205	210	17.80KG
JDG12-65	12V	65AH	T13	327	172	173	178	20.60KG
JDG12-70	12V	70AH	T12	260	169	210	215	22.50KG
JDG12-80	12V	80AH	T12	260	169	210	215	24.00KG
JDG12-100	12V	100AH	T13	327	172	216	221	39.50KG
JDG12-120	12V	120AH	T14	407	173	233	233	36.00KG
JDG12-150	12V	150AH	T13	485	170	241	241	45.00KG
JDG12-200	12V	200AH	T13	522	240	219	224	61.50KG
JDG12-230	12V	230AH	T13	522	240	220	225	66.50KG
JDG12-250	12V	250AH	T13	521	269	220	245	72.50KG
JDG2-200	2V	200AH	T15	173	111	330	364	13.20KG
JDG2-300	2V	300AH	T15	170	150	312	342	18.50KG
JDG2-350	2V	350AH	T15/T13	170	150	312	342	20.50KG
JDG2-400	2V	400AH	T15	196	171	312	342	25.50KG
JDG2-500	2V	500AH	T15	241	171	312	342	31.59KG
JDG2-600	2V	600AH	T15	282	171	312	342	36.54KG
JDG2-800	2V	800AH	T15	383	171	312	342	51.36KG
JDG2-1000	2V	1000AH	T15	475	175	330	364	62.00KG
JDG2-1200	2V	1200AH	T15	471	171	312	342	66.00KG
JDG2-1500	2V	1500AH	T15	400	350	345	382	92.00KG
JDG2-2000	2V	2000AH	T15	490	350	345	382	122.20KG
JDG2-3000	2V	3000AH	T15	710	350	345	382	181.20KG

OPzV Series: Tubular Gel Battery (2v & 12V)

Summary:

OPzV series battery, 2V & 12V sealed tubular structure battery, is the best choice under extremely harsh environment. The battery has a long design life. resist frequent impact, excellent discharge performance, and less maintenance, etc. It is suitable for harsh environment, like outdoor high temperature, frequent power outages, strong impact discharge, power grid volatility etc, and applied in energy storage system with complex electric environment too, can provide longest service life security of battery to the users.

Characteristics:

- Capacity range (C10) : 2V150Ah—3000Ah,12V45AH—200AH
- Designed floating service life: 20 years @ 25°C
- Cyclic usage: at standard usage condition,70%DOD 1000cycles;
- Self-discharge rate: $\leq 3\%$ / month;
- Wide operating temperature range : -35°C -60°C
- Shelf life: after full charging, if it was stored for 2 years under 25 °C environments, the battery residual capacity is still over 50%, then after re-charging, battery capacity can be recovered to be 100% of the rated capacity.
- Excellent deep discharge recovery capability: after 100%discharge, it still can be connected to the loading. Four weeks later, recharging can restore the original capacity.

Applications:

UPS/EPS systems, Solar energy system/Wind Energy System, Renewable Energy Systems, Energy storage projects, Telecom Systems. Electric Utilities, Boat, data center etc.

Specification:

Item	Rate Voltage (V)	Rate Capacity (AH/10Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	Total Height	
OPzV2-200	2	200	T15	102	206	356	391	17.00KG
OPzV2-250	2	250	T15	124	206	356	391	20.80KG
OPzV2-300	2	300	T15	145	206	356	391	24.80KG
OPzV2-350	2	350	T15	124	206	472	506	28.90KG
OPzV2-420	2	420	T15	145	206	472	506	33.20KG
OPzV2-490	2	490	T15	166	206	472	506	38.80KG
OPzV2-600	2	600	T15	145	206	646	683	46.80KG
OPzV2-770	2	770	T15	254	210	472	506	56.50KG
OPzV2-800	2	800	T15	192	210	646	682	63.90KG
OPzV2-1000	2	1000	T15	234	210	646	682	78.10KG
OPzV2-1200	2	1200	T15	276	210	646	682	93.80KG
OPzV2-1500	2	1500	T15	276	210	797	832	111.00KG
OPzV2-2000	2	2000	T15	399	215	772	808	151.00KG
OPzV2-2500	2	2500	T15	488	213	772	808	192.00KG
OPzV2-3000	2	3000	T15	576	213	772	808	227.00KG

OPzV12-45	12	45	T12	260	170	210	216	18.90KG
OPzV12-60	12	60	T12	260	170	210	236	23.50KG
OPzV12-80	12	80	T12	328	172	222	222	30.60KG
OPzV12-100	12	100	T13	407	178	226	226	36.80KG
OPzV12-120	12	120	T13	483	170	240	240	46.50KG
OPzV12-140	12	140	T13	530	210	214	220	54.50KG
OPzV12-160	12	160	T13	530	210	214	220	58.00KG
OPzV12-180	12	180	T13	522	240	220	240	67.50KG
OPzV12-200	12	200	T13	520	269	220	225	74.20KG

OPzS Series : Flooded Tubular Battery

Battery Summary:

OPzS series, 2V flooded Tubular battery; which is the best choice under extremely harsh environment. The battery has a long design life. Resist frequent impact, excellent discharge performance, and less maintenance, etc. It is suitable for harsh environment, like outdoor high temperature, frequent power outages, strong impact discharge, power grid volatility etc, and applied in energy storage system with complex electric environment too, can provide longest service life security of battery to the users.

Characteristics:

- Capacity range (C10): 2V200—3000Ah
- Designed floating service life: 20 years @ 25°C
- Cyclic usage: under standard operating condition,70% DOD 1000 cycles;
- Self-discharge rate: $\leq 3\%$ /month;
- Wide operating temperature range: -35°C -60°C
- Shelf life: after full charging, if it was stored for 2 years under 25 °C environment, the battery residual capacity is still over 50%, then after re-charging, battery capacity can be recovered to be 100% of the rated capacity.
- Excellent deep discharge recovery capability: after 100%discharge, it still can be connected to the loading. Four weeks later, recharging can restore the original capacity.

Applications:

UPS/EPS systems, Solar energy system/Wind Energy System, Renewable Energy Systems, Energy storage projects, Telecom Systems. Electric Utilities, Boat, data center etc.

Specification:

Item	Rate Voltage (V)	Rate Capacity (AH/10Hr)	Terminal	dimension(mm)				Weight
				Length	Width	Height	Total Height	
OPzS2-100	2	100	T15	103	206	356	410	9.70KG
OPzS2-150	2	150	T15	103	206	356	410	11.70KG
OPzS2-200	2	200	T15	103	206	356	410	13.60KG
OPzS2-250	2	250	T15	125	206	356	410	15.90KG
OPzS2-300	2	300	T15	145	206	356	410	18.80KG
OPzS2-350	2	350	T15	125	206	472	526	20.90KG
OPzS2-420	2	420	T15	145	206	472	526	24.90KG
OPzS2-490	2	490	T15	166	206	472	526	28.40KG
OPzS2-600	2	600	T15	145	206	646	702	34.80KG
OPzS2-700	2	700	T15	192	210	646	702	41.60KG
OPzS2-770	2	770	T15	254	210	472	526	45.90KG
OPzS2-800	2	800	T15	192	210	646	702	47.90KG
OPzS2-900	2	900	T15	234	210	646	702	51.90KG
OPzS2-1000	2	1000	T15	234	210	646	702	58.40KG
OPzV2-1100	2	1100	T15	276	210	646	702	62.30KG
OPzS2-1200	2	1200	T15	276	210	646	702	68.90KG
OPzS2-1375	2	1375	T15	276	210	646	702	75.90KG
OPzS2-1500	2	1500	T15	276	210	646	702	84.50KG
OPzS2-1750	2	1750	T15	400	215	772	828	97.40KG
OPzS2-2000	2	2000	T15	400	215	772	828	113.90KG
OPzS2-2250	2	2250	T15	488	212	772	828	128.70KG
OPzS2-2500	2	2500	T15	488	212	772	828	141.70KG
OPzV2-2750	2	2750	T15	576	212	772	828	154.60KG
OPzS2-3000	2	3000	T15	576	212	772	828	168.10KG

Motive Battery List

DZM Series: E-bike battery

规格型号 Model	额定电压 Nominal Voltage (V)	额定容量 Nominal Capacity (Ah)	尺寸Dimensions(mm)				电池重 Weight (kg)
			长 (L)	宽 (W)	高(H)	总高 (TH)	
6-DZM-7	12	7(2hr)	151	65	95	95	2.70±0.1
6-DZM-7	12	7(2hr)	151	65	95	95	2.35±0.1
6-DZM-12	12	12(2hr)	151	98	97	97	4.35±0.1
6-DZM-20	12	20(2hr)	181	77	170	170	7.0±0.1
6-DZM-28	12	28(2hr)	318	82	126	126	9.45±0.1
6-EVF-32	12	32(3hr)	270	77	170	170	10.20±0.1
6-EVF-32A	12	32A(3hr)	222	93	176	176	10.20±0.1
6-EVF-38	12	38(3hr)	222	105	176	176	11.70±0.1
6-EVF-45	12	45(3hr)	222	122	176	176	13.50±0.1
6-EVF-50	12	50(3hr)	222	134	176	176	15.20±0.1
8-DZM-14	16	14(2hr)	201	113	100	100	6.80±0.1
8-DZM-20	16	20(2hr)	250	100	126	126	9.35±0.1

DG Series: Electric tricycle Tubular battery

Model	Capacity	Dimension	Weight
6-DG-150型	90	362*172*260	31.0±0.5
6-DG-160型	100	362*172*260	33.0±0.5
6-DG-180型	110	362*172*273	34.0±0.5
6-DG-190型	120	362*172*285	36.0±0.5
6-DG-200型	140	362*172*285	38.0±0.5
6-DG-220型	150	362*172*292	41.0±0.5