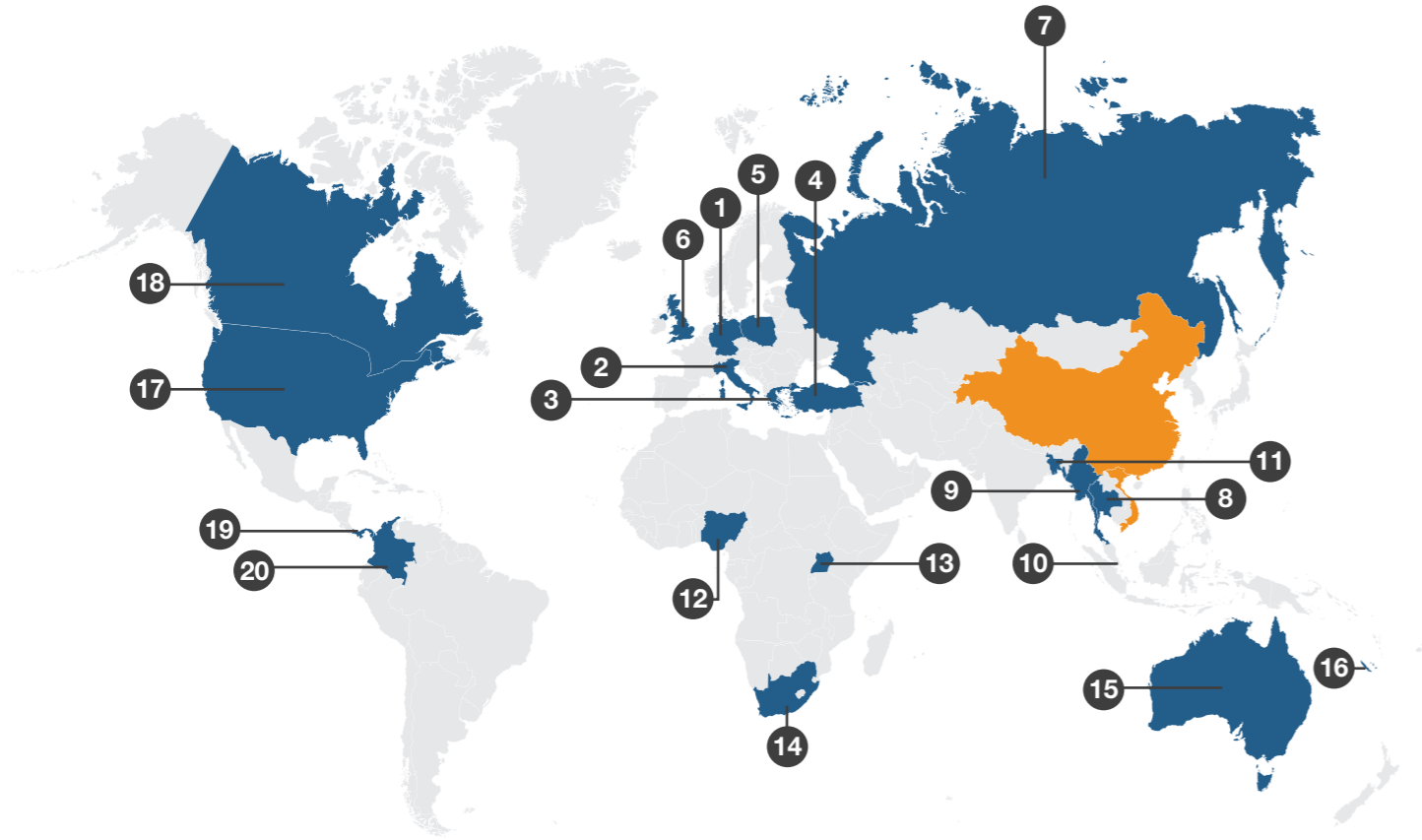


Market Distribution



- | | | | | |
|-----------|------------|---------------|------------------|-------------|
| 1 Germany | 5 Poland | 9 Myanmar | 13 Uganda | 17 U.S.A |
| 2 Italy | 6 U.K. | 10 Singapore | 14 South Africa | 18 Canada |
| 3 Greece | 7 Russia | 11 Bangladesh | 15 Australia | 19 Panama |
| 4 Turkey | 8 Thailand | 12 Nigeria | 16 New Caledonia | 20 Columbia |



POWER
EFFICIENCY
PERFECTION

PRODUCT CATALOGUE

Valve Regulated
Lead Acid Battery



Saite Power Source (Vietnam) Co.,Ltd
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CHINA | VIETNAM

SAITE POWER SOURCE (VIETNAM) CO.,LTD

World-scale Manufacturer of Lead Acid Battery



Vietnam Plant



China Plant

Company Profile

Saite Power Source (Vietnam) Co., Ltd, is one of the leading VRLA battery manufacturer and exporter with over 20 years experience of the battery manufacturing and developing. It has two production bases located in China and Vietnam.

Vietnam factory starts operation in 2019, it combines lead plates workshop and battery assembling workshop. Covering an area of 6 hectares with more than 800 workers and 100 million USD sales turnover as expected. The main supplying VRLA battery is

widely used in UPS, Security and Alarm system, Telecom, Electricity, Solar or wind renewable Energy etc. During the past 20 years, its market covers nearly 40 countries and regions, including America, Europe, Oceania, Asia and Africa by its own brand "BAOTE" or by OEM business.

The quality management system confirming to the international standard ISO9001, ISO14001 has been implemented in the company.

Meeting the consumer's standard and exceeding their expectation is our company's prime goal. All its products have UL, CE certificate. Apart from the guaranteed quality, you can be assured of our dedicated manpower to supply you customized products, technical support required and value-added service.

Saite power will be your reliable partners and will continually develop quality battery into power products to all of our customers all around the world.

www.saitebattery.vn

www.saitebattery.vn



A Galance at Workshop



Office building



Workshop building



Environmental facilities

Lead Plate Production



Laboratory



Lead power preparing



Grid casting



Plate pasting



Plate curing

Battery Production



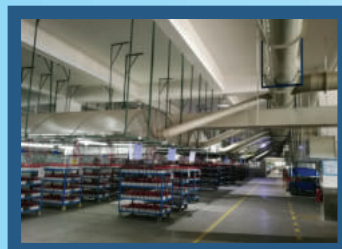
Assembling



Drying



Acid filling



Charging



Cleaning



Testing

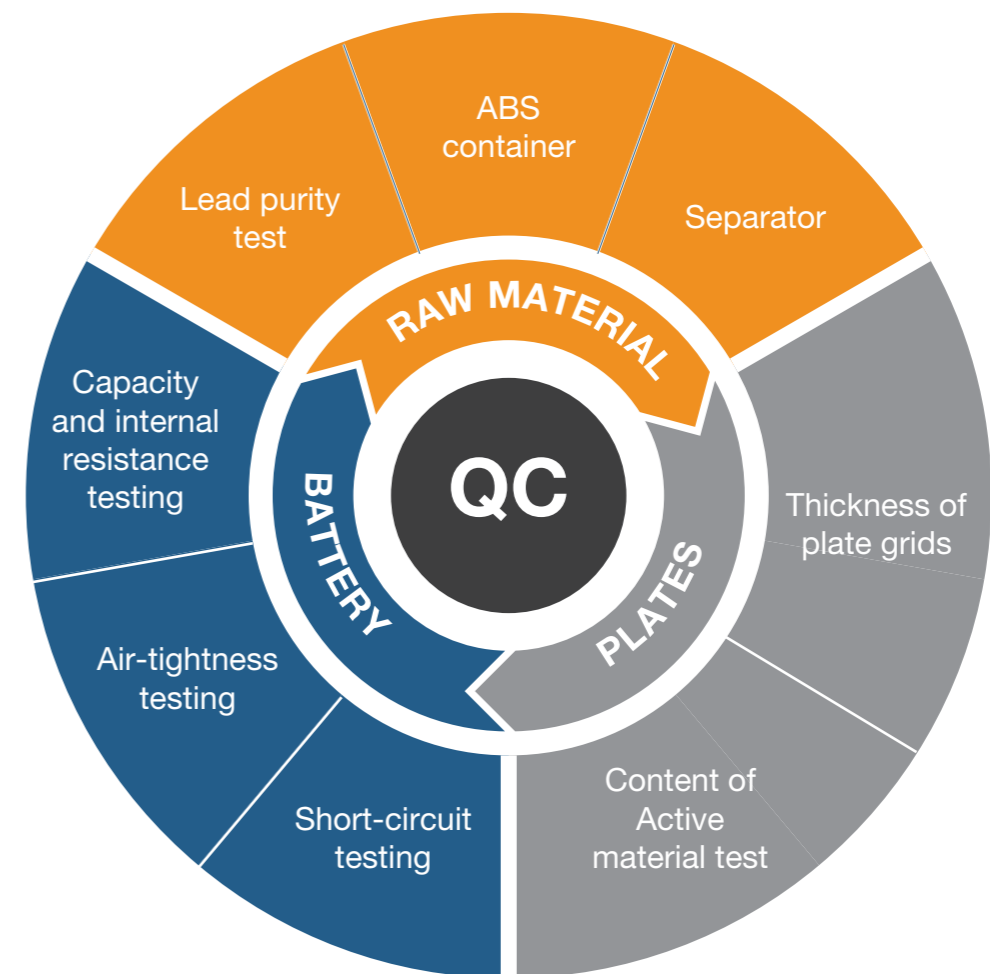


Packing

Certificates&Licenses



Key Points of Quality Control



Powerful, Reliable & Long-lasting Batteries

for all heavy duty applications

Contents

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General Purpose Battery AGM Series

General purpose AGM series batteries adopt advanced AGM valve regulated technology, high purity raw material and special alloys for grid. They have long service life both in floating service and cyclic service and are widely for back up purpose.



Features

- **Capacity range:** 1.3~33Ah
- **Voltage:** 4V,6V,12V
- **Low self-discharge rate:** ≤3% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 8 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** 0°C~40°C

Applications

- DC power supply
- Medical equipments
- UPS/EPS power supply
- Emergency lighting systems
- Alarm and security systems

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
4V/6V Series									
BT-4M4.0AC	4	4.0	47.5	47.5	102	107	0.46	F01	Mode3
BT-4M4.5AC	4	4.5	47.5	47.5	102	107	0.49	F01	Mode3
BT-6M1.3AC	6	1.3	97	24	51	56	0.28	F00	Mode6
BT-6M2.8AC	6	2.8	66	34	98	103	0.56	F04	Mode4
BT-6M3.2AC	6	3.2	125	33	60	65	0.59	F00	Mode6
BT-6M4.0AC	6	4.0	70	47	100	105	0.71	F01/F02	Mode4
BT-6M4.5AC	6	4.5	70	47	100	105	0.73	F01/F02	Mode4
BT-6M5.0AT	6	5.0	170	35	70	76	0.76	F03	Mode6
BT-6M7.0AC	6	7.0	151	36	93	98	1.06	F01/F02	Mode6
BT-6M10AC	6	10	151	51	94	99	1.57	F01/F02	Mode6
BT-6M12AC	6	12	151	51	94	99	1.72	F01/F02	Mode6
12V Series									
BT-12M1.3AT	12	1.3	98	43	52	57	0.55	F00	Mode2
BT-12M2.2AT	12	2.2	179	36	61	66	0.92	F00	Mode6
BT-12M2.8AC	12	2.8	71	48	98	104	0.82	F04	Mode6
BT-12M2.9AC	12	2.9	80	56	99	104	1.08	F01	Mode3
BT-12M3.3AT	12	3.3	134	67	61	67	1.22	F01	Mode2
BT-12M3.6AC	12	3.6	134	67	61	67	1.32	F01	Mode2
BT-12M4.0AC	12	4.0	91	70	102	107	1.40	F01/F02	Mode6
BT-12M4.5C	12	4.5	91	70	102	107	1.46	F01/F02	Mode6
BT-12M5.0AC	12	5.0	91	70	102	107	1.54	F01/F02	Mode6
BT-12M7.0AT	12	7.0	151	65	95	100	2.04	F01/F02	Mode1
BT-12M7.2AT	12	7.2	151	65	95	100	2.10	F01/F02	Mode1
BT-12M7.5AC	12	7.5	151	65	95	100	2.15	F01/F02	Mode1
BT-12M8.0AC	12	8.0	151	65	95	100	2.32	F01/F02	Mode1
BT-12M9.0AC	12	9.0	151	65	95	100	2.55	F01/F02	Mode1
BT-12M10AC	12	10	151	98	95	100	3.10	F01/F02	Mode1
BT-12M12AC	12	12	151	98	95	100	3.45	F01/F02	Mode1
BT-12M14AC	12	14	151	98	95	100	3.90	F01/F02	Mode1
BT-12M17AC	12	17	182	77	166	166	5.15	F06/F13/T03	Mode3
BT-12M22AC	12	22	182	78	168	168	5.85	T02	Mode3
BT-12M24AT(W)	12	24	175	166	125	125	7.40	F07/F13/T04	Mode3
BT-12M24AT(L)	12	24	166	126	174	174	7.45	F06/F13/T05	Mode3
BT-12M33AC	12	33	196	130	154	166	9.80	T20	Mode6

General Purpose Battery AGM Series

AGM Stationary 6V/12V/2V series batteries adopt advanced AGM valve regulated technology, high purity raw material and special alloys for grid. They have longer service life both in floating service and cyclic service than AGM small size batteries. They are widely used for back up purpose.



Features

- **Capacity range:** 38~3000Ah
- **Voltage:** 6V, 12V, 2V
- **Low self-discharge rate:** ≤2% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 12~15 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** 0°C~40°C

Applications

- DC power supply
- UPS/EPS power supply
- Medical equipments
- Telecom stations and power stations

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
6V/12V Series									
BT-HSE-150-6	6	150	260	180	246	252	23.50	T26	Mode5
BT-HSE-160-6	6	160	299	172	227	231	25.00	T25	Mode4
BT-HSE-180-6	6	180	306	168	220	226	26.70	T24	Mode5
BT-HSE-200-6	6	200	323	178	226	230	30.50	T18	Mode4
BT-HSE-38-12	12	38	197	166	170/176	170/176	11.50	F09/T21	Mode3
BT-HSE-45-12	12	45	197	166	170/176	170/176	13.50	F09/T21	Mode3
BT-HSE-50-12	12	50	230	138	211	216	15.00	T25	Mode6
BT-HSE-55-12	12	55	230	138	211	216	15.80	T25	Mode6
BT-HSE-65-12	12	65	350	167	173	173	19.40	T11	Mode3
BT-HSE-70-12	12	70	260	168	212	218	22.00	T12	Mode6
BT-HSE-80-12	12	80	307	168	211	215	25.50	T25	Mode6
BT-HSE-90-12	12	90	307	168	211	215	26.20	T25	Mode6
BT-HSE-100-12	12	100	331	173	216	222	30.00	T13	Mode6
BT-HSE-120-12	12	120	406	173	209	237	35.40	T22	Mode6
BT-HSE-135-12	12	135	341	172	281	287	42.70	T18	Mode6
BT-HSE-150-12	12	150	485	170	240	240	44.00	T23	Mode6
BT-HSE-180-12	12	180	533	207	215	219	53.00	T19	Mode2
BT-HSE-200-12	12	200	523	239	218	222	59.50	T24	Mode2
BT-HSE-230-12	12	230	520	268	220	224	68.00	T24	Mode2
BT-HSE-250-12	12	250	520	268	220	224	71.00	T24	Mode2
2V Series									
BT-MSE-100	2	100	171	72	205	214	5.85	T15	Mode4
BT-MSE-200	2	200	172	111	329	365	13.10	T38	Mode7
BT-MSE-300	2	300	171	151	334	365	18.80	T38	Mode7
BT-MSE-400	2	400	211	175	328	365	24.80	T38	Mode8
BT-MSE-500	2	500	242	174	329	365	30.90	T38	Mode8
BT-MSE-600	2	600	302	176	330	365	36.60	T38	Mode8
BT-MSE-800	2	800	410	176	330	365	49.00	T38	Mode9
BT-MSE-1000	2	1000	475	175	329	365	60.40	T38	Mode9
BT-MSE-1500	2	1500	401	351	342	383	92.20	T38	Mode10
BT-MSE-2000	2	2000	490	350	345	383	122.50	T38	Mode11
BT-MSE-3000	2	3000	710	353	343	382	190.00	T38	Mode11

Deep Cycle Battery AGM Series

AGM deep cycle series batteries adopt advanced AGM valve regulated technology, high purity raw material, thick plate design, special grid alloy and paste formula, high-temperature curing technology and low acid density. They have excellent recovery performance from deep discharge and are widely used for frequent deep discharge cyclic applications.



Features

- **Capacity range:** 4.0~33Ah
- **Low self-discharge rate:** ≤3% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 8 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** 0°C~40°C
- **High charging receptivity**
- **Deep discharging recovery ability**
- **Long cyclic lifetime in cyclic use**
- **Voltage:** 6V, 12V

Applications

- Electric tools/toys
- Electric wheel chairs

- Solar lighting systems
- Solar/wind energy storage systems

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
6V Series									
BT-6M4.0AC	6	4.0	70	47	100	105	0.71	F01/F02	Mode4
BT-6M4.5AC	6	4.5	70	47	100	105	0.73	F01/F02	Mode4
BT-6M5.0AT	6	5.0	170	35	70	76	0.76	F03	Mode6
BT-6M7.0AC	6	7.0	151	36	93	98	1.06	F01/F02	Mode6
BT-6M10AC	6	10	151	51	94	99	1.57	F01/F02	Mode6
BT-6M12AC	6	12	151	51	94	99	1.72	F01/F02	Mode6
12V Series									
BT-12M4.0AC	12	4.0	91	70	102	107	1.40	F01/F02	Mode6
BT-12M4.5AC	12	4.5	91	70	102	107	1.46	F01/F02	Mode6
BT-12M5.0AC	12	5.0	91	70	102	107	1.54	F01/F02	Mode6
BT-12M7.0AT	12	7.0	151	65	95	100	2.04	F01/F02	Mode1
BT-12M7.2AT	12	7.2	151	65	95	100	2.10	F01/F02	Mode1
BT-12M7.5AC	12	7.5	151	65	95	100	2.15	F01/F02	Mode1
BT-12M8.0AC	12	8.0	151	65	95	100	2.32	F01/F02	Mode1
BT-12M9.0AC	12	9.0	151	65	95	100	2.55	F01/F02	Mode1
BT-12M10AC	12	10	151	98	95	100	3.10	F01/F02	Mode1
BT-12M12AC	12	12	151	98	95	100	3.45	F01/F02	Mode1
BT-12M14AC	12	14	151	98	95	100	3.90	F01/F02	Mode1
BT-12M17AC	12	17	182	77	166	166	5.15	F06/F13/T03	Mode3
BT-12M22AC	12	22	182	78	168	168	5.85	T02	Mode3
BT-12M24AT(W)	12	24	175	166	125	125	7.40	F07/F13/T04	Mode3
BT-12M24AT(L)	12	24	166	126	174	174	7.45	F06/F13/T05	Mode3
BT-12M33AC	12	33	196	130	154	166	9.80	T20	Mode6

Deep Cycle Battery AGM Series

AGM deep cycle series batteries adopt advanced AGM valve regulated technology, high purity raw material, thick plate design, special grid alloy and paste formula, high-temperature curing technology and low acid density. They have excellent recovery performance from deep discharge and are widely used for frequent deep discharge cyclic applications.



Features

- **Capacity range:** 38~3000Ah
- **Voltage:** 6V, 12V, 2V
- **Low self-discharge rate:** ≤2% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 12~15 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** 0°C~40°C
- **High charging receptivity**
- **Deep discharging recovery ability**
- **Long cyclic lifetime in cyclic use**

Applications

- Electric tools/toys
- Electric wheel chairs
- Golf trolleys and golf carts

- Solar lighting systems
- Solar/wind energy storage systems
- Telecom stations and power stations

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
6V/12V Series									
BT-HSE-150-6	6	150	260	180	246	252	23.50	T26	Mode5
BT-HSE-160-6	6	160	299	172	227	231	25.00	T25	Mode4
BT-HSE-180-6	6	180	306	168	220	226	26.70	T24	Mode5
BT-HSE-200-6	6	200	323	178	226	230	30.50	T18	Mode4
BT-HSE-38-12	12	38	197	166	170/176	170/176	11.50	F09/T21	Mode3
BT-HSE-45-12	12	45	197	166	170/176	170/176	13.50	F09/T21	Mode3
BT-HSE-50-12	12	50	230	138	211	216	15.00	T25	Mode6
BT-HSE-55-12	12	55	230	138	211	216	15.80	T25	Mode6
BT-HSE-65-12	12	65	350	167	173	173	19.40	T11	Mode3
BT-HSE-70-12	12	70	260	168	212	218	22.00	T12	Mode6
BT-HSE-80-12	12	80	307	168	211	215	25.50	T25	Mode6
BT-HSE-90-12	12	90	307	168	211	215	26.20	T25	Mode6
BT-HSE-100-12	12	100	331	173	216	222	30.00	T13	Mode6
BT-HSE-120-12	12	120	406	173	209	237	35.40	T22	Mode6
BT-HSE-135-12	12	135	341	172	281	287	42.70	T18	Mode6
BT-HSE-150-12	12	150	485	170	240	240	44.00	T23	Mode6
BT-HSE-180-12	12	180	533	207	215	219	53.00	T19	Mode2
BT-HSE-200-12	12	200	523	239	218	222	59.50	T24	Mode2
BT-HSE-230-12	12	230	520	268	220	224	68.00	T24	Mode2
BT-HSE-250-12	12	250	520	268	220	224	71.00	T24	Mode2
2V Series									
BT-MSE-100	2	100	171	72	205	214	5.85	T15	Mode4
BT-MSE-200	2	200	172	111	329	365	13.10	T38	Mode7
BT-MSE-300	2	300	171	151	334	365	18.80	T38	Mode7
BT-MSE-400	2	400	211	175	328	365	24.80	T38	Mode8
BT-MSE-500	2	500	242	174	329	365	30.90	T38	Mode8
BT-MSE-600	2	600	302	176	330	365	36.60	T38	Mode8
BT-MSE-800	2	800	410	176	330	365	49.00	T38	Mode9
BT-MSE-1000	2	1000	475	175	329	365	60.40	T38	Mode9
BT-MSE-1500	2	1500	401	351	342	383	92.20	T38	Mode10
BT-MSE-2000	2	2000	490	350	345	383	122.50	T38	Mode11
BT-MSE-3000	2	3000	710	353	343	382	190.00	T38	Mode11

Deep Cycle Battery GEL Series

GEL deep cycle batteries adopt advanced GEL technology, high purity raw material, thick plate design, special grid alloy and paste formula, high-temperature curing technology and low acid density. They have excellent recovery ability from deep discharge. And the unique GEL electrolyte filling technique and excessive amount of gelatinized electrolyte ensure them having good performance at high and low temperature. They are widely used for frequent deep discharge cyclic applications under high or low temperature conditions.



Features

- **Capacity range:** 17~3000Ah
- **Low self-discharge rate:** ≤2% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 15~18 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** -20°C~+55°C
- **High charging receptivity**
- **Deep discharging recovery ability**
- **Voltage:** 6V,12V,2V

Applications



Pumps systems



Solar lighting systems



Telecom stations and power stations



Solar/wind energy storage systems

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
6V Series									
BT-HSE-150-6	6	150	260	180	246	252	23.80	T26	Mode5
BT-HSE-160-6	6	160	299	172	227	231	25.50	T25	Mode4
BT-HSE-180-6	6	180	306	168	220	226	27.00	T24	Mode5
BT-HSE-200-6	6	200	323	178	226	230	30.80	T18	Mode4
12V Series									
BT-12M17AC	12	17	182	77	166	166	5.25	F06/F13/T03	Mode3
BT-12M22AC	12	22	182	78	168	168	5.95	T02	Mode3
BT-12M24AT(W)	12	24	175	166	125	125	7.50	F07/F13/T04	Mode3
BT-12M24AT(L)	12	24	166	126	174	174	7.55	F06/F13/T05	Mode3
BT-12M33AC	12	33	196	130	154	166	9.90	T20	Mode6
BT-HSE-38-12	12	38	197	166	170/176	170/176	11.60	F09/T21	Mode3
BT-HSE-45-12	12	45	197	166	170/176	170/176	13.60	F09/T21	Mode3
BT-HSE-50-12	12	50	230	138	211	216	15.30	T25	Mode6
BT-HSE-55-12	12	55	230	138	211	216	16.10	T25	Mode6
BT-HSE-65-12	12	65	350	167	173	173	19.70	T11	Mode3
BT-HSE-70-12	12	70	260	168	212	218	22.30	T12	Mode6
BT-HSE-80-12	12	80	307	168	211	215	25.80	T25	Mode6
BT-HSE-90-12	12	90	307	168	211	215	26.50	T25	Mode6
BT-HSE-100-12	12	100	331	173	216	222	30.30	T13	Mode6
BT-HSE-120-12	12	120	406	173	209	237	35.70	T22	Mode6
BT-HSE-135-12	12	135	341	172	281	287	43.00	T18	Mode6
BT-HSE-150-12	12	150	485	170	240	240	44.30	T23	Mode6
BT-HSE-180-12	12	180	533	207	215	219	53.30	T19	Mode2
BT-HSE-200-12	12	200	523	239	218	222	59.80	T24	Mode2
BT-HSE-230-12	12	230	520	268	220	224	68.50	T24	Mode2
BT-HSE-250-12	12	250	520	268	220	224	71.30	T24	Mode2
2V Series									
BT-MSE-100	2	100	171	72	205	214	5.95	T15	Mode4
BT-MSE-200	2	200	172	111	329	365	13.40	T38	Mode7
BT-MSE-300	2	300	171	151	334	365	19.10	T38	Mode7
BT-MSE-400	2	400	211	175	328	365	25.10	T38	Mode8
BT-MSE-500	2	500	242	174	329	365	31.20	T38	Mode8
BT-MSE-600	2	600	302	176	330	365	36.90	T38	Mode8
BT-MSE-800	2	800	410	176	330	365	49.30	T38	Mode9
BT-MSE-1000	2	1000	475	175	329	365	60.70	T38	Mode9
BT-MSE-1500	2	1500	401	351	342	383	92.50	T38	Mode10
BT-MSE-2000	2	2000	490	350	345	383	122.80	T38	Mode11
BT-MSE-3000	2	3000	710	353	343	382	190.50	T38	Mode11

Front Terminal Battery AGM Series

AGM front terminal batteries have unique design for easy installation. They adopt advanced AGM valve regulated technology, high purity raw materials and special alloys for grid to have long service life both in floating service and cyclic service. They are ideal for 19 inches and 23 inches standard power cabinet and are widely used in UPS/EPS application, telecom and power station for backup purpose.



Features

- **Capacity range:** 50~200Ah
- **Voltage:** 12V
- **Low self-discharge rate:** ≤2% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 12 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** 0°C~40°C

Applications

- For standard 19 inches or 23 inches power cabinets
- Network connection equipment of communication systems
- UPS/EPS, standby power supply

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
BT-FT-50-12	12	50	291	106	223	231	16.00	T07	Mode2
BT-FT-70-12	12	70	562	115	187	196	24.50	T23	Mode2
BT-FT-100-12	12	100	410	110	287	295	30.70	T27	Mode2
BT-FT-120-12	12	120	552	110	240	240	34.90	T27	Mode2
BT-FT-150-12	12	150	566	110	288	296	44.30	T23	Mode2
BT-FT-180-12	12	180	561	125	317	317	54.00	T28	Mode2
BT-FT-200-12	12	200	561	125	317	317	56.50	T28	Mode2

Front Terminal Battery GEL Series

GEL front terminal batteries not only have unique design for easy installation but also adopt advanced GEL technology, high purity raw material and advanced production technology. The unique GEL electrolyte filling technique and excessive amount of gelatinized electrolyte ensure them having good performance at high and low temperature.



Features

- **Capacity range:** 50~200Ah
- **Voltage:** 12V
- **Low self-discharge rate:** ≤2% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 15 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** -20°C~+50°C
- **High charging receptivity**
- **Deep discharging recovery ability**
- **Longer lifetime in cyclic use than AGM deep cycle battery**

Applications

- For standard 19 inches or 23 inches power cabinets
- Network connection equipment of communication systems
- UPS/EPS, standby power supply
- Solar/wind energy storage systems

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
BT-FT-50-12	12	50	291	106	223	231	16.30	T07	Mode2
BT-FT-70-12	12	70	562	115	187	196	24.80	T23	Mode2
BT-FT-100-12	12	100	410	110	287	295	31.00	T27	Mode2
BT-FT-120-12	12	120	552	110	240	240	35.20	T27	Mode2
BT-FT-150-12	12	150	566	110	288	296	44.60	T23	Mode2
BT-FT-180-12	12	180	561	125	317	317	54.30	T28	Mode2
BT-FT-200-12	12	200	561	125	317	317	56.80	T28	Mode2

High Rate Series

High rate series batteries adopt advanced AGM valve regulated technology, high purity raw material, thin plate design, special grid alloy and paste formula, high-temperature curing technology. They have excellent performance during high current discharge and are suitable for UPS/EPS where high rate discharging is required.



Features

- **Capacity range:** 7~250AH
- **Voltage:** 12V
- **Low self-discharge rate:** ≤3% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 5~8 years design lifetime in standby application at 25°C
- **Wide operation temperature range:** 0°C~40°C
- **Excellent performance at high rate & power discharging**

Applications



Electric tools



Starting devices



UPS/EPS (high rate)



Electric wheel chairs



Emergency power supply



High power backup supply

Specifications

Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
BT-12M7.0AT	12	7.0	151	65	95	100	2.55	F02	Mode1
BT-12M12AC	12	12	151	98	95	100	3.95	F02	Mode1
BT-12M17AC	12	17	182	77	166	166	5.85	F06/F13/T03	Mode3
BT-12M24AT(W)	12	24	175	166	125	125	8.06	F07/F13/T04	Mode3
BT-12M24AT(L)	12	24	166	126	174	174	7.90	F06/F13/T05	Mode3
BT-12M31AC	12	31	196	130	154	166	9.80	T20	Mode6
BT-HSE-38-12	12	38	197	166	170/176	170/176	13.50	F09/T21	Mode3
BT-HSE-55-12	12	55	230	138	211	216	15.80	T25	Mode6
BT-HSE-65-12	12	65	350	167	173	173	20.20	T11	Mode3
BT-HSE-70-12	12	70	260	168	212	218	23.20	T12	Mode6
BT-HSE-90-12	12	90	307	168	211	215	27.30	T25	Mode6
BT-HSE-100-12	12	100	331	173	216	222	31.50	T13	Mode6
BT-HSE-120-12	12	120	406	173	209	237	36.60	T22	Mode6
BT-HSE-150-12	12	150	485	170	240	240	45.00	T23	Mode6
BT-HSE-200-12	12	200	523	239	218	222	61.00	T24	Mode2
BT-HSE-250-12	12	250	520	268	220	224	71.50	T24	Mode2

EV Battery

EV batteries are specially designed for frequent high current deep discharge. They adopt advanced GEL technology, high purity raw material, strong plate design, special grid alloy and paste formula and high-temperature curing technology. They have excellent performance in high load situation and are suitable for mobility scooters, electric wheel chairs, golf buggies, etc.



Features

- **Capacity range:** 100~300Ah
- **Low self-discharge rate:** ≤3% per month
- **High oxygen recombination efficiency:** ≥98%
- **Wide operation temperature range:** -20°C~+50°C
- **High charging receptivity**
- **More than 300 cycles at 100% DOD**
- **Voltage:** 6V,8V,12V

Applications

- Electric tools
- Electric wheel chairs

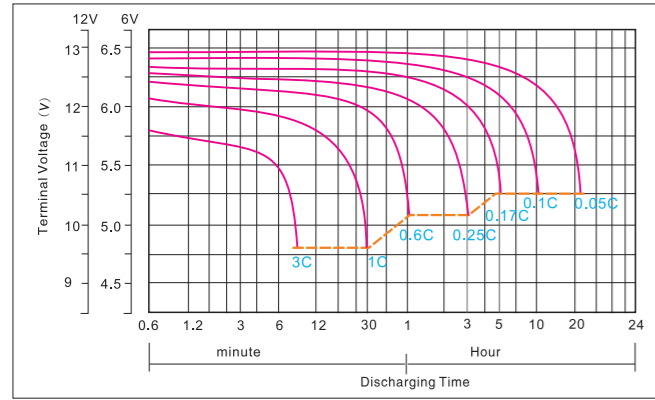
- Golf trolleys and golf carts
- Electric forklifts

Specifications

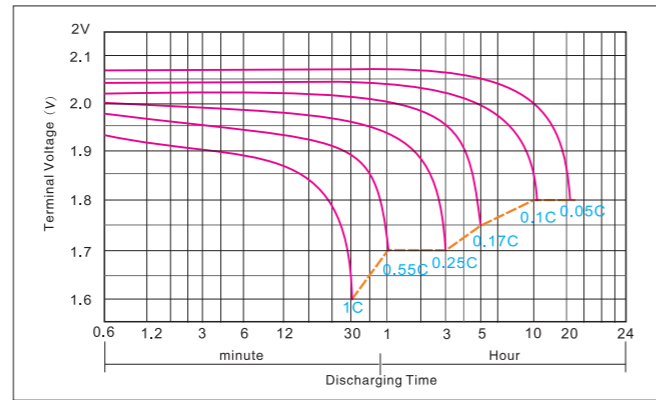
Model	Voltage (V)	Capacity (AH)	Dimension(mm)				Weight (kg)	Terminal Type	Terminal Arrangement
			L	W	H	TH			
BT-HSE-100-12	12	100	331	173	216	222	32.00	T13	Mode6
BT-HSE-120-12	12	120	406	174	213	217	42.00	T22	Mode6
BT-HSE-160-8	8	160	260	182	267	271	31.80	T24	Mode6
BT-HSE-180-8	8	180	260	182	295	299	34.10	T24	Mode6
BT-HSE-180-6	6	180	306	168	220	226	27.00	T24	Mode5
BT-HSE-200-6	6	200	323	178	226	230	29.50	T18	Mode4
BT-HSE-200-6	6	200	260	180	265	271	29.60	T24	Mode5
BT-HSE-225-6	6	225	260	180	265	271	32.40	T24	Mode5
BT-HSE-300-6	6	300	295	178	346	350	45.50	T31	Mode5

Charging

For 6V/8V/12V Battery

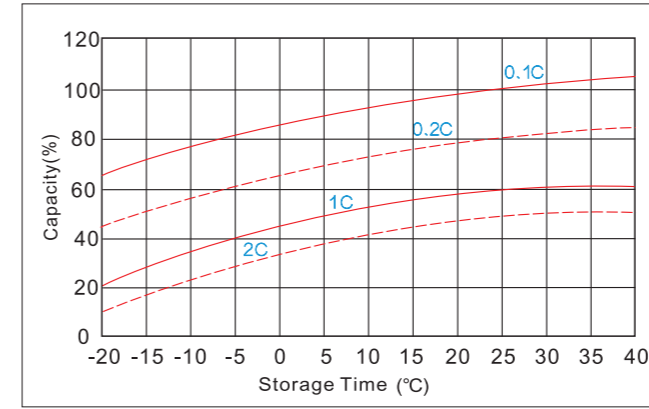


For 2V Battery

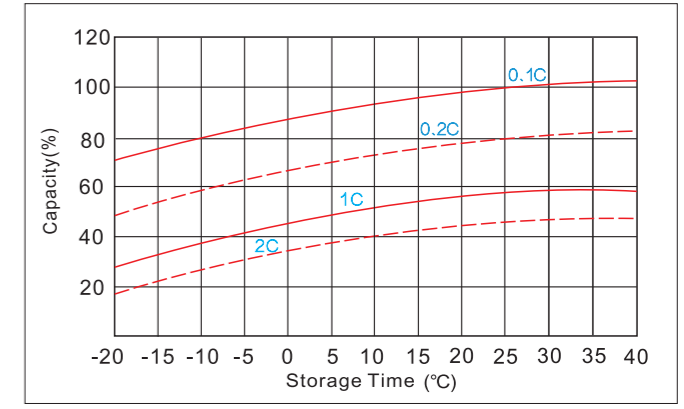


The Relation Curve between Capacity and Temperature

For AGM Series Battery

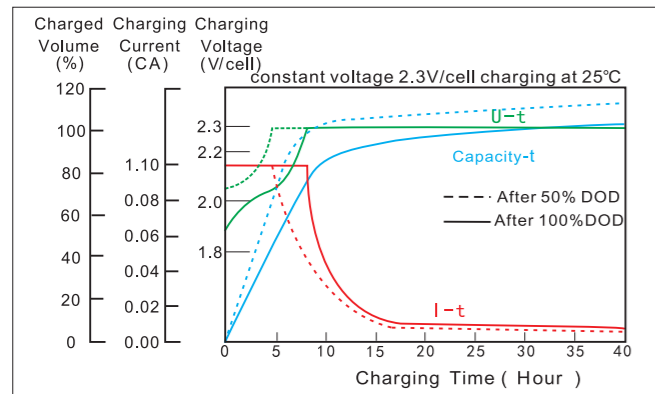


For GEL Series Battery

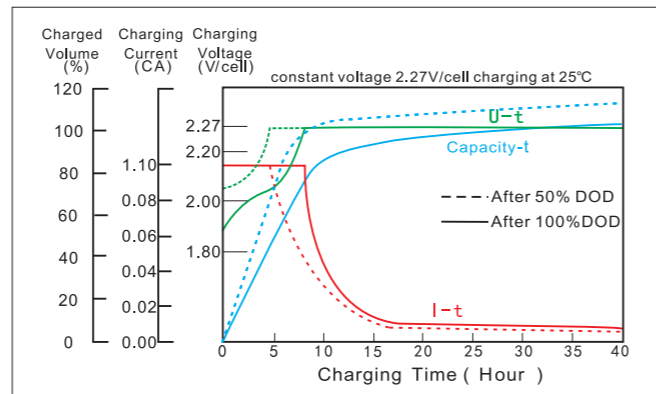


Discharging Curve

For 6V/8V/12V Battery

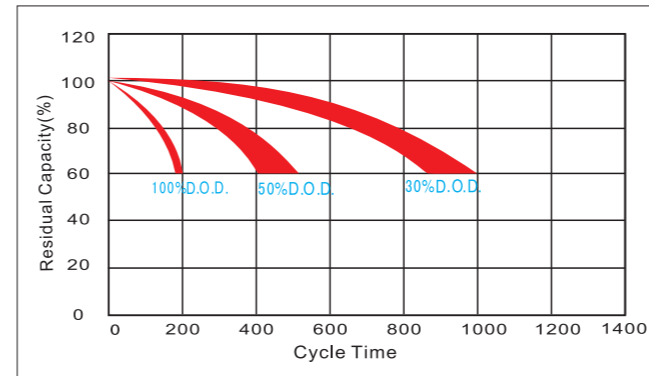


For 2V Battery

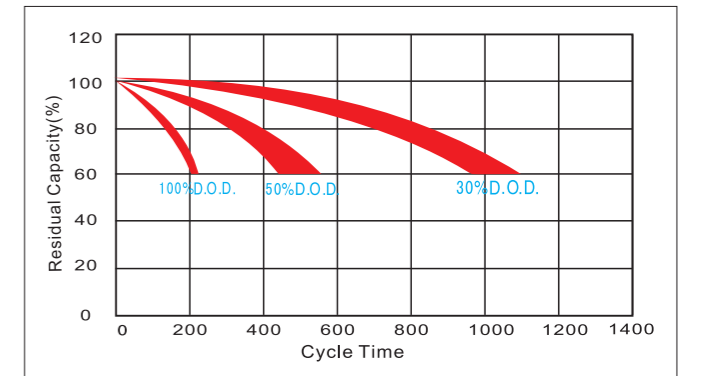


Lifetime Curve

For AGM Series 6V/8V/12V Battery

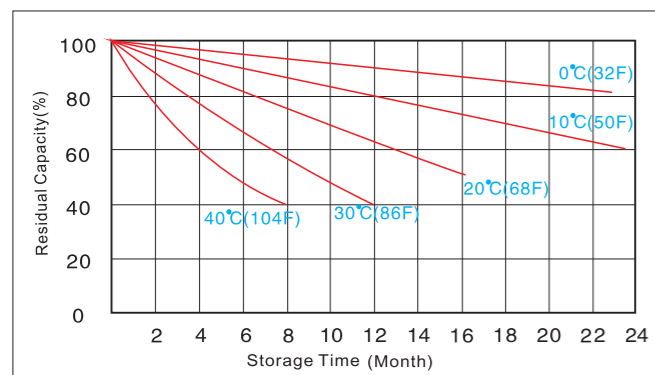


For AGM Series 2V Battery

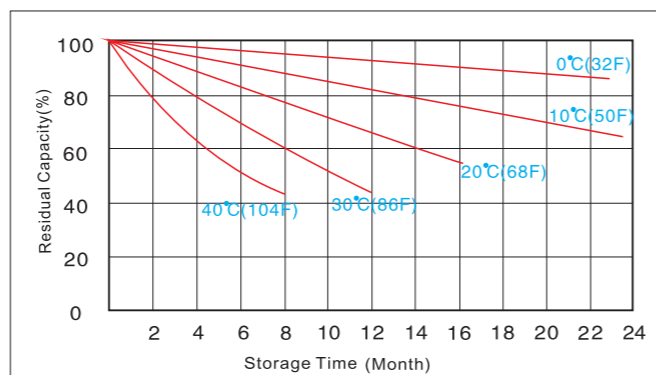


Storage Characteristics

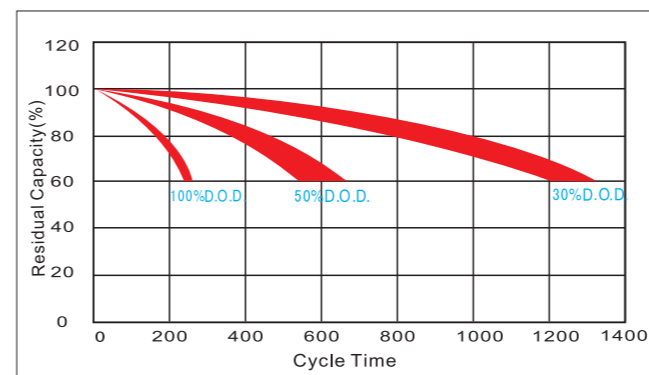
For AGM Series Battery



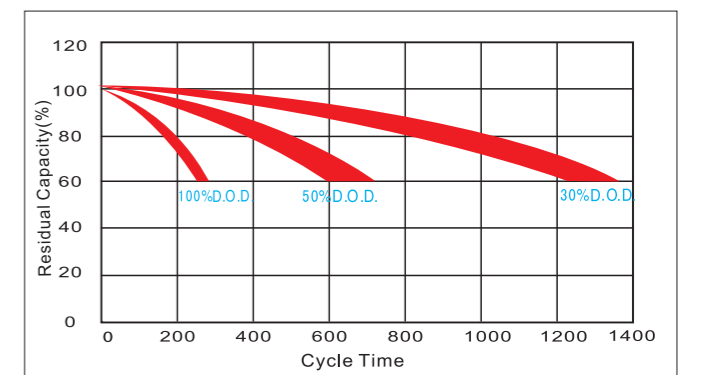
For GEL Series Battery



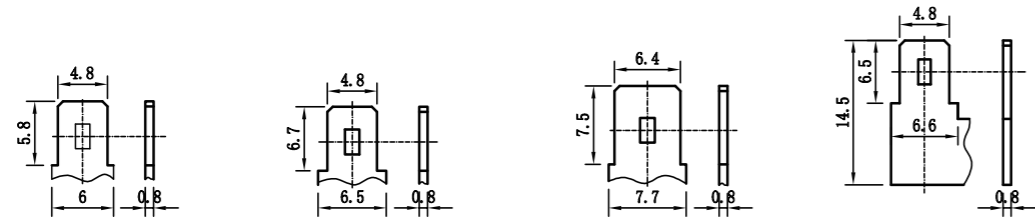
For GEL Series 6V/8V/12V Battery



For GEL Series 2V Battery



Terminal Type

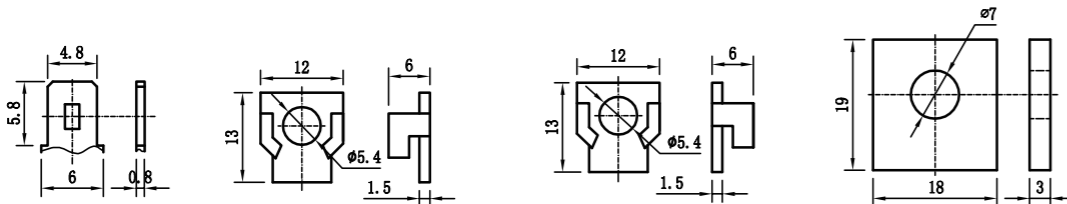


F00

F01(187)

F02(250)

F03

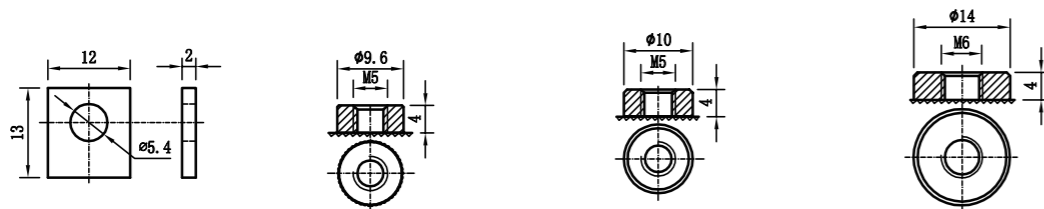


F04

F06

F07

F09

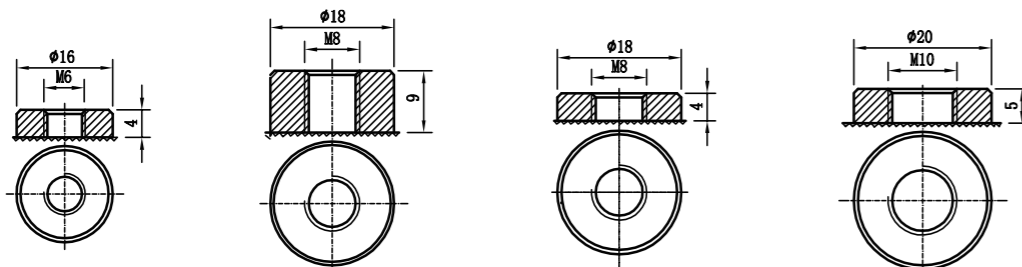


F13

T02

T03/T04/T05

T07/T20



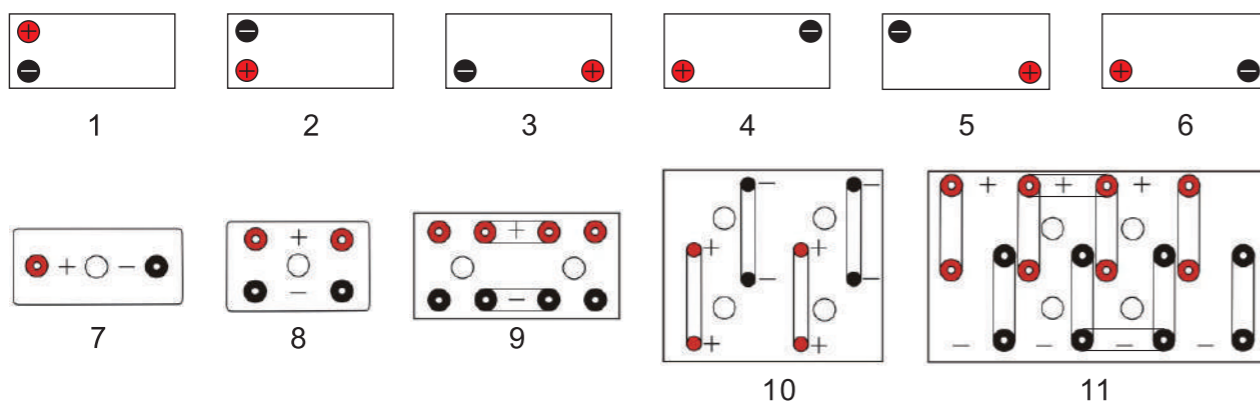
T12/T21/T25

T15

T11/T13/T18/T19/T22/T23/T24/T26/T27/T28/T31

T38

Terminal Arrangement



1

2

3

4

5

6

7

8

9

10

11

Handling Instruction

Storage and refresh charge

1. During storage, the capacity of the battery decreases due to self-discharging. Store the battery in a cool, dry place. When the monthly average temperature exceeds 25°C but below 30°C, carry out supplementary charging every 3 months. When the monthly average temperature falls below 25°C, carry out supplementary charging every 6 months.
2. When using a stored battery, always carry out supplementary charging before use.

Transportation

1. When transporting the battery, never vibrate or impact it excessively,
2. We recommend transporting the battery in an upright position.
3. When transporting a battery connected to an equipment, secure it firmly and keep the circuit open.

Daily inspection and servicing

1. When the following abnormalities are observed, discover the cause and replace any defective batteries:
 - a. Any voltage abnormalities
 - b. Any physical defects (e.g., a cracked or deformed container)
 - c. Any electrolyte leakage
 - d. Any abnormal heat generation
2. Clean any dust contamination with a wet cloth. Never use organic solvents (e.g., gasoline or thinner). Otherwise the container or cover may develop cracks.
3. When installing the battery as an Emergency Power Supply for fire-fighting equipment, inspect it according to the Fire-fighting Equipment Power Supply Inspection Standard or Inspection Procedure.

⚠ ATTENTION

1. Sealed lead-acid battery must be recycled or disposed of properly.
2. The battery can not be used if it is cracked or acid-leakage.
3. Charge the battery in a well-ventilated environment as the battery will generate flammable gas, which may cause explosion easily in contact with fire.
4. Secure the battery firmly when installing.
5. Switched off the power when you fix or unfix the battery.
6. Prevent your eyes and skin from contacting with the electrolyte. In case of eyes/skin contact with the sulfuric acid carelessly, please flush with large quantity of clean water immediately and go to see doctors if necessary.
7. Protective measures are strongly recommended to take when contacting the electrolyte.
8. Do not expose the battery to flame or excess heat, keep it in a cool and ventilate place.
9. Do not series connect more than 32 pieces batteries in a single string or parallel connect more than 4 strings. If more batteries are needed for series/parallels application than started above, please contact us.