

»» 产品特征

Product characteristics

※ Nickel-metal hydride sealed cylindrical rechargeable battery:

Capacity range : 0.5Ah-12Ah

They have the properties of small internal resistance, long service life. Resistant to overcharge and overdischarge, low self-discharge, wide operation temperature (-40°C ~ 50°C), and high reliability. They are widely used in the fields of electrical tools, railway trains, lighting, fire fighting, all kinds of instruments and military.

※ Nickel-cadmium sealed cylindrical rechargeable battery:

Capacity range : 0.3Ah-13Ah

They have the properties of small internal resistance, long service life, resistant to overcharge and over discharge, low self-discharge, wide operation temperature (-40°C ~ +70°C), and high reliability, high discharge rate. they are widely used in the fields of electrical tools, railway trains, lighting, fire fighting, all kinds of instruments and military.

※ Valve regulated lead-acid battery:

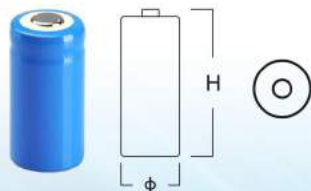
Capacity range : GFM100Ah-GFM300Ah 6GFM38Ah-6GFM200Ah

Valve regulated-acid battery has the properties of reliability, safety, easy operation and maintenance, long service life, low self-discharge, small internal resistance and wide operation temperature, they are widely used in UPS, telecommunication, train vehicles, instruments, wireless communication, lighting, and motorcycle startup, etc.

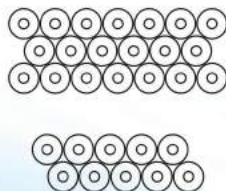
※ Li-ion rechargeable battery:

Lithium-ion battery has the properties of high capacity, high specific energy and power, high quality, high output voltage, heavy output power, low self-discharge, non-memory effect, outstanding cycle performance, suitable to fast charge and discharge, wide operation temperature range, long service life. Especially polymer lithium-ion battery, has good low temperature performance (-40°C), they are used widely in Notebook, Hybrid Electric Bus, Pure Electric Bus, E-bike, Electric, LED Light, Aeromodelling, Digit Camera and Electronic instruments.

柱形系列： Cylindrical cell series



柱形蓄电池组合模式示意图： Assembled sketch map



»» 锂电池系列

Lithium-ion battery series

锂离子蓄电池

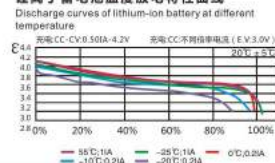
General lithium-ion cylindrical battery

常规圆柱型锂离子蓄电池

General lithium-ion cylindrical cells

Models	Nominal voltage (V)	Capacity (mAh)			G.W (g)	Internal resistance (mΩ)	Max rechargeable current (A)	Max discharge current (A)	Max Charge voltage (V)	Discharge cut-off voltage (V)	Charge temperature (°C)	Discharge temperature (°C)	Size (mm)
		Max	Min	Nominal									
32580	3.2	3800	3300	3500	95 ± 2	≤40	1C	2C	3.65	2	0-45	-20-60	32.2 ± 0.2 × 58.0 ± 0.5
32650	3.2	5700	5200	5500	130	≤40	1C	2C	3.65	2	0-45	-20-60	32.2 ± 0.2 × 65.5 ± 0.5
26650	3.2	3100	2950	3000	84 ± 2	≤40	1C	2C	3.65	2	0-45	-20-60	26.2 ± 0.2 × 65.0 ± 0.5
22650	3.2	1900	1750	1800	60 ± 2	≤40	1C	2C	3.65	2	0-45	-20-60	22.2 ± 0.2 × 65.0 ± 0.5
22650	3.7	3100	2900	3000	60 ± 2	≤70	1C	2C	4.2	3	0-45	-20-60	22.2 ± 0.2 × 65.0 ± 0.5
18650	3.7	2450	2350	2400	44 ± 2	≤70	1C	2C	4.2	3	0-45	-20-60	18.2 ± 0.2 × 65.0 ± 0.5
18650	3.7	2250	2150	2200	40 ± 2	≤70	1C	2C	4.2	3	0-45	-20-60	18.2 ± 0.2 × 65.0 ± 0.5
18650	3.2	1560	1450	1500	38 ± 1	≤70	1C	2C	3.65	2	0-45	-20-60	18.2 ± 0.2 × 65.0 ± 0.5
18500	3.7	1450	1350	1400	34 ± 1	≤70	1C	2C	3.65	3	0-45	-20-60	18.2 ± 0.2 × 50.0 ± 0.5
18500	3.2	1100	950	1000	34 ± 1	≤70	1C	2C	3.65	2	0-45	-20-60	18.2 ± 0.2 × 50.0 ± 0.5
17650	3.7	1500	1350	1400	34 ± 1	≤70	1C	2C	4.2	3	0-45	-20-60	16.6 ± 0.2 × 50.0 ± 0.5
17500	3.7	1100	950	1000	30 ± 1	≤70	1C	2C	4.2	3	0-45	-20-60	16.6 ± 0.2 × 50.0 ± 0.5
14500	3.7	800	700	750	26 ± 1	≤80	1C	2C	4.2	3	0-45	-20-60	14.2 ± 0.2 × 50.0 ± 0.5
14430	3.7	700	550	600	24 ± 1	≤80	1C	2C	4.2	3	0-45	-20-60	32.2 ± 0.2 × 50.0 ± 0.5
32600	3.7	5200	4800	5000	120	≤35	1C	2C	4.2	3	0-45	-20-60	32.2 ± 0.2 × 60.5 ± 0.5
26650	3.7	4200	3800	4000	90	≤70	1C	2C	4.2	3	0-45	-20-60	26.2 ± 0.2 × 65.0 ± 0.5

锂离子蓄电池温度放电特性曲线



锂离子蓄电池倍率放电特性曲线

