



More Battery Solutions



共生·共享

广东格泰电池有限公司

地址：广东省东莞市塘厦镇塘莆西路28号

GlobalTech Battery Co., Ltd.

Address: 28 Tangpuxi Road, Tangxia Town, Dongguan City, Guangdong Province

USA Office

Global Technologies Group, Inc.
9753 Widmer Road, Lenexa, KS 66215, USA
Tel: 913-828-5685 Fax: 913-273-4397
Email: sales@gtgco.com

GlobalTech Battery Co., Ltd.



公司简介

广东格泰电池有限公司专注于研发与生产各种高性能电池，包括：锂离子/聚合物电池系列、镍氢充电电池系列、锂亚电池系列、碱性电池系列、高容量电池电源产品等。

公司拥有两个制造工厂，职员工总数超过1000人。公司拥有一流的研发、技术、生产人才，其中硕士、博士占公司研发人员的80%，大部分研发人员拥有10年以上的专业技术经验。公司与国内外多家知名材料厂商、科研院所、著名高校等机构深度合作，紧密跟踪新材料、新技术的前沿阵地，不断进行技术创新、突破。公司拥有全球一流的锂电芯、镍氢充电电池、锂亚电池、碱性电池生产设备以及电源等产品的装配流水线，并与多家驰名设计公司合作，开发新型外观、高安全性、高容量电源产品，为客户提供完善的OEM/ODM服务。

公司具有完善的质量保证体系，获得ISO-9001质量体系证书、电池产品系列CE认证、UL认证、ROHS标准认证、及REACH证书。公司生产的电池产品具有高能量密度比、低自放电、低内阻、循环寿命长、一致性好的优点。公司生产的电池产品广泛应用于移动电源、通信设备、信息家电、电动工具、无绳电话、电子检测设备、医疗设备、自动报警系统、电动玩具、应急电源、太阳能储能等领域。

公司销售和技术服务网路遍布全球各地，产品远销美国、加拿大、英国、德国、日本、韩国、俄罗斯、印度、巴西等60多个国家和地区。

格泰电池 --- 驱动生活的能量!



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追求卓越品质

PURSUING EXCELLENT QUALITY

共生 共享

SYMBIOTIC SHARING



COMPANY PROFILE

GlobalTech Battery Co., Ltd. is specialized in developing and manufacturing various high-performance batteries, including lithium ion/polymer battery series, nickel-hydrogen battery series, nickel-metal hydride battery series, lithium thionyl chloride cells, alkaline battery series, customized battery packs, high capacity battery power supply products, etc.

The company has two manufacturing facilities with more than 1000 employees. It has an experienced R&D team, in which 80% of engineers have masters and PhD degrees with more than 10 years experience. The company has been cooperating with many well-known domestic and international material manufacturers, research institutes, and prestigious universities to master cutting-edge technologies, and it is making technological innovations and breakthroughs constantly. The company possesses many world-class assembly lines and some advanced equipment for its batteries and power supply products. Working with a number of well-known design companies to develop new appearance, high security and high capacity power supply products, it provides customers with complete and superior OEM/ODM services.

The company has an excellent quality control

system. It has been set up and successfully acquired the recognition of various standards such as ISO-9001 quality system certificate, battery product series CE certification, UL certification, ROHS standard certification, and REACH certification. The battery products made by the company have great advantages of high energy density ratio, low self-discharge, low internal resistance, long cycle life, and good consistency. They are widely used in mobile power supply, communication equipment, information appliances, power tools, cordless phones, electronic detection equipment, medical equipment, automatic alarm system, electric toys, emergency power supply, solar energy storage, and other fields.

The company has a strong global sales and technical support network. Its battery products have been selling to more than 60 countries and regions such as the United States, Canada, UK, Germany, Japan, South Korea, Russia, India, and Brazil.

GlobalTech Battery - Power to Drive Life!



特性及参数 Features & Parameters

Technological advantages and product characteristics:

1. High energy density, high and stable operating voltage.
2. High safety and long cycle life over 500 times.
3. With automatic production, the consistency of the battery is ensured and suit for series-parallel assembly.
4. Customized designs are available, with thickness from 0.4 to 13 mm, capacity from 40 to 8500mAh.
5. Compliance with UL, UN and ROHS directions, environmental friendly.

技术优势和产品特点

- A. 电芯比**容量高**，放电电压平台平稳。
- B. 安全性能好，循环**寿命长**，可达到500次以上。
- C. 采用**自动卷绕生产作业**方式，确保电池一致性，有利于串并联组合加工。
- D. 型号齐全，容量与尺寸选择范围广，电芯厚度0.4~13mm，容量40~8500mAh，并可依**客户需求**进行设计和定制。
- E. **绿色环保**，产品符合UL、UN和ROHS指令。

应用领域:

智能手机、平板电脑、移动电源、GPS、少儿点读笔、蓝牙耳机、便携式DVD、电子书等数码电子产品。

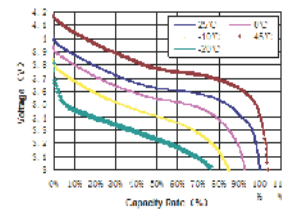
Applications:

Smartphone, tablet computer, portable power source, GPS, Children's point reading machine, bluetooth headset, portable DVD, E-book etc.



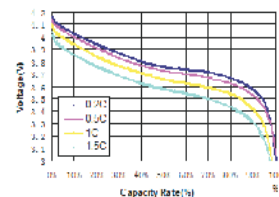
Temperature Characteristics/温度特性

Charge:0.2C mA,4.2V,0.05CmA Cut-off(CC/CV)
Discharge:0.5CmA,3.0V Cut-off
Temperature:23±2°C



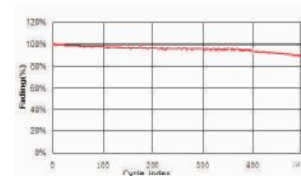
Discharge Rate Characteristics/放电倍率特性

Charge:0.5C mA,4.2V,0.05CmA Cut-off(CC/CV)
Discharge:0.2C,0.5C,1C,1.5C,3.0V Cut-off
Temperature:23±2°C



Cycle Life Characteristics/循环特性

Charge:0.5C mA,4.2V,0.05CmA Cut-off(CC/CV)
Discharge:0.5CmA,3.0V Cut-off
Temperature:23±2°C

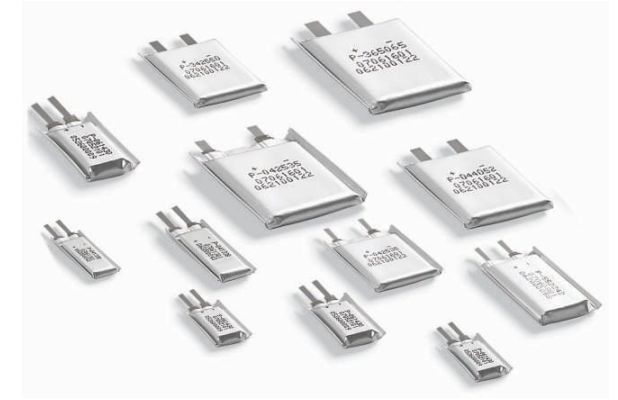


技术优势和产品特点

- 型号齐全，容量与尺寸选择范围广，电芯厚度0.8~13mm，容量40~8500mAh，并可依客户需求进行设计和定制。
- 安全性能好，循环寿命长，可达到500次以上。
- 电芯放电电压平台高。

应用领域:

智能手机、平板电脑、移动电源、智能穿戴、GPS、少儿点读笔、蓝牙耳机、便携式DVD、电子书等数码电子产品。



Technological advantages and product characteristics:

1. Customized designs are available, with thickness from 0.8 to 13 mm ,capacity from 40 to 8500mAh.
2. High safety and long cycle life over 500 times.
3. High energy density, high and stable operating voltage.

Applications:

Smartphone, tablet computer, portable power source, Smart wearer, GPS, Children's point reading machine, bluetooth headset, portable DVD, E-book etc.



高倍率动力锂电池 HIGH-RATE LITHIUM ION BATTERIES



公司生产的高倍率系列锂电池,具有重量轻,设计体积小,循环寿命长,安全性能好等优势.产品广泛

应用于电动工具,航模,车模,船模等高功率模型.能持续10-40C放电.

We produce the high-rate lithium battery with good performance on high volumetric energy density, small size etc.

产品应用 Product application

电动工具、航模、车模、船模等高功率模型产品

Model aircrafts, 4WD models, electric tools, electronic toys, flash lamps, electric scooters etc.



产品特点 Product characteristics

项目内容Item	LiCoO ₂	备注Remark
标称电压Nominal Capacity	3.7	0.2C充放电Charging and discharging at 0.2c
上下限电压Operating Voltage Range / v	4.2-3.0	0.2C充放电Charging and discharging at 0.2c
质量比能量 Gravimetric Energy Density Wh/kg	200	不含外壳包装Without outer package
体积比能量 Volumetric Energy Density Wh/L	400	不含外壳包装Without outer package
外部短路short-circuit	pass	完全充电后,在总电阻≤50mΩ的短路夹上短路 Operation done with the short circuit instrument whose total impedance is less than 50mΩ after fully charging
热冲击Heat impact	pass	完全充电后放入130℃烤箱30分钟 Operation done in the oven at a temperature of 130℃ for 30 minutes after fully charging
过充Over charge	pass	不爆炸不起火No fire,no explosion
过放over discharge	pass	不爆炸不起火No fire,no explosion
自由跌落(高度 mm)Drop test(Heightlm)	pass	任意方向3次3times at any direction
浸水试验Immersion test(2 hours)	pass	不爆炸不起火No fire,no explosion
安全性 Safety	安全	安全性能良好Good safety performance

产品规格 Specification



锂离子聚合物电芯产品规格表 SPECIFICATION FOR LI-ION POLYMER BATTERIES

编号 No.	型号 Model	最小容量 Minimum Capacity (mAh)	标称电压 Nominal Voltage (V)	内阻 Impedance (mΩ)	尺寸Dimension			重量 Weight (g)
					厚度 Thicknes	宽度 Width	长度 Length	
1	350910	12	3.7	2000	3.5	9	10	0.55
2	320926	43	3.7	500	3.2	9	26	1.5
3	401119	50	3.7	420	4	11.5	19.5	1.5
4	501417P	80	3.7	300	5.2	14.5	17.8	2
5	401039	120	3.7	250	4.05	10.5	39.5	2.7
6	501630	180	3.7	150	5.2	16.5	30.5	4
7	502030	250	3.7	200	5	20.5	30.8	5
8	502035	365	3.7	100	5.2	20.5	35.5	6.5
9	382040	275	3.7	180	3.8	20.5	40.5	5.6
10	383040	420	3.7	100	3.8	30.5	40.5	9
11	602338	480	3.7	80	6.2	23.5	38.5	9
12	522447	580	3.7	60	5.2	24.5	47	11
13	573442	800	3.7	60	5.8	34.5	42.5	16
14	603443	850	3.7	60	6	34.5	43	16
15	752353	950	3.7	80	7.7	23.5	53.5	13.5
16	702696	1000	3.7	80	7.2	26.5	96.5	15.5
17	533450	1000	3.7	60	5.3	34.5	50	18
18	903046	1200	3.7	80	9.2	30.5	46.5	25
19	623450	1250	3.7	60	6.2	34.5	50	20
20	523759	1300	3.7	50	5.2	37.5	59	25
21	504560	1500	3.7	60	5	45	60	27.5
22	325686	1650	3.7	80	3.4	56.5	86.5	30
23	582898	1850	3.7	60	5.8	28.5	98	36
24	433695	2000	3.7	60	4.5	36.5	95.5	35
25	505374	2600	3.7	60	5	53.5	75	50
26	4573100	2850	3.7	60	4.7	73.5	100.5	50
27	455895	3100	3.7	40	4.5	58.5	95	55
28	505895	3500	3.7	50	5.3	58.5	95.5	55
29	37100100	3800	3.7	50	3.9	100.5	100.5	68

以上只是部分规格,其它型号可以根据客户要求定制
The above table lists only partial models. We can make customized products according to customer's requirements.



技术优势和产品特点

1. 安全性能极好且循环性能极佳，可达3000次以上。
2. 采用自动叠片或卷绕工艺，确保电芯一致性，适合于多电芯串并联组合加工。
3. 生产圆柱和方型各种规格的电芯，单体容量从2~60Ah，并可组合成各种要求的动力与储能电池模块
4. 放电性能优越，可实现高倍率充放电且放电平台稳定，10C充放电效率达到96%以上。
5. 电池快速充电性能优，2C快充，半小时充足95%；
6. 高温性能好，工作温度范围宽广（-20C-- +75C），有耐高温特性。

Technological advantages and product characteristics:

1. High safety and long cycle life over 3000 times.
2. With automatic productions, the consistency of the battery is ensured and suit for series-parallel assembly.
3. Available in cylindrical and various prismatic types, with capacities of single cell from 2 to 60Ah and battery assembly according to customers different requirements.
4. High - rate discharging and stable operating voltage.
5. Fast charging, cells can be recharged to 96% capacity in 30 minutes with high current.
6. Wide operating temperature from -20°C to +75°C, excellent performance at high temperature.

应用领域:

1. 大型电动车辆：公交车、电动大巴、电动汽车、景点游览车及混合动力车等；
2. 轻型电动车：电动自行车、高尔夫球车、小型电瓶车、铲车、清洁车、电动轮椅等；
3. 太阳能及风力发电的储能设备；
4. 小型家庭或商业多功能储能和备用电源；
5. 小型医疗仪器设备及便携式仪器电源等。

Applications:

1. Large electromobile: Bus, Electric power coach, Electric automobile, Attractions coach & Hybrid electrical vehicle ect;
2. Light electromobile: E-bike, Golf cart, Compact storage battery car, Fork-lift truck, Cleaning trolley, Electric wheel chair etc;
3. Solar and wind power energy equipment;
4. Small family or business multi-function energy storage and backup power supply;
5. Small medical instrument equipment and portable instrument power supply;



Portable power offers you reliable, easy access power source for your mobile phones/tablets. Top quality battery cells assure long life and they are fully compliant with international safety standards.

为您提供可靠的，可轻松连接您的手机/平板电脑的移动电源产品，采用高质量电芯，使用寿命更长，符合国际安全标准。



型号: i102

Battery Capacity (容量)	10000mAh Lithium-ion Battery
Power Input (输入)	Micro USB 5V==2.1A USB Type C 5V==2.1A
Power Output (输出)	USB:DC 5V==2.1A 无线发射: DC 5V==1A
Available Colors (可选颜色)	<input type="checkbox"/> Black



型号: SP2601C

Battery Capacity (容量)	2600mAh Lithium-ion Battery
Power Input (输入)	Micro USB 5V==1A
Power Output (输出)	5V==1A
Available Colors (可选颜色)	<input type="checkbox"/> Silver <input type="checkbox"/> Black <input type="checkbox"/> Red <input type="checkbox"/> Blue <input type="checkbox"/> Gold <input type="checkbox"/> Green <input type="checkbox"/> Purple <input type="checkbox"/> Dark blue



型号: SP4002P

Battery Capacity (容量)	4000mAh Lithium-polymer Battery
Power Input (输入)	Micro USB 5V==1A
Power Output (输出)	5V==1A
Dimensions (尺寸)	60 x 10 x 120mm
Available Colors (可选颜色)	<input type="checkbox"/> Silver <input type="checkbox"/> Gold



型号: SP12003P

Battery Capacity (容量)	12000mAh Lithium polymer Battery
Power Input (输入)	Micro USB 5V==2A (max)
Power Output (输出)	5V==1A (2USB) 5V==2.1A (1USB)
Available Colors (可选颜色)	<input type="checkbox"/> Bule <input type="checkbox"/> Gold

圆柱锂离子电池 CYLINDRICAL LI-ION BATTERY



The products are widely used in power tools, laptop, digital product, electric vehicle and other kind of fields.

我们的产品广泛应用在各类电动工具，手提电脑，数码产品和电动交通工具等各个领域。



POS 机
POS Machine



机器人
Robot



笔记本电脑
Notebook computer



遥控玩具车
Remote control toy car



扫地机
Sweeping machine



电动工具
Electric tool

产品规格 Specification



锂离子电池产品规格表 SPECIFICATION FOR LI-ION BATTERY

产品型号 (Model)	标称容量 (mAh) Nominal Capacity	重量 (约g) Approx. Weight	内阻 (MΩ) internal resistance	最大放电倍率 Max. Discharge Rate	标称电压 Nominal voltage	单体外形尺寸 Single Size	
						直径 (mm) Diameter	高度 (mm) Height
18650-2000mAh	2000	40g	≤60	1C	3.7V	18±0.2	65±0.2
18650-2200mAh	2200	42g	≤60	1C	3.7V	18±0.2	65±0.2
18650-2500mAh	2500	45g	≤60	1C	3.7V	18±0.2	65±0.2
18650MP-2000mAh	2000	42g	≤60	3C	3.7V	18±0.2	65±0.2
18650MP-2200mAh	2200	42g	≤60	3C	3.7V	18±0.2	65±0.2
18650AP-2200mAh	2200	42g	≤18	5C	3.7V	18±0.2	65±0.2
18650AP-2000mAh	2000	45g	≤15	15C	3.7V	18±0.2	65±0.2
18650AP-2600mAh	2600	48g	≤18	10C	3.7V	18±0.2	65±0.2
18650AP-3000mAh	3000	51g	≤18	5C	3.7V	18±0.2	65±0.2
21700AP-3000mAh	3000	68g	≤15	10C	3.7V	21±0.2	70±0.2



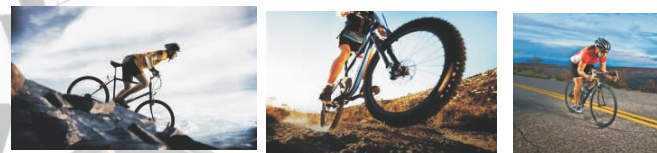
以上只是部分规格，其它型号可以根据客户要求定制。
The above table lists only partial models. We can make customized products according to customer's requirements.

电动自行车锂电池 LITHIUM ION E-BIKE BATTERIES



项目内容 Item	Li-ion	备注 Remark
标称电压 Nominal voltage	3.7	0.2C充放 Charge and discharge at 0.2C
上下限电压 Operating Voltage Range/V	4.2-3.0	0.2C充放 Charge and discharge at 0.2C
质量比能量 Gravimetric Energy Density Wh/Kg	150	不含外壳包装 Without Package
体积比能量 Volumetric Energy Density Wh/L	300	不含外壳包装 Without Package
自由跌落(高度1m) 1M Drop Test	pass	任意方向3次 3 times at any direction
荷电容量保持率 Charge retention %	95%-97%	1个月/6个月 1month/6months
荷电容量恢复率 Capacity recovery ratio %	96%-90%	1个月/6个月 1month/6months
60°C放置7天厚度变化率 High temp. swelling ratio(60°C for 7 days)	pass	<5%
85°C放置4hs厚度变化率 High temp. swelling ratio(60°C for 7 days)	pass	外观性能良好 Good appearance
150°C放置30min Store at 150°C for 30 mins	pass	不爆炸不起火 No fire. No explosion

特性及参数 Features & Parameter



- A. 安全性能极好且循环性能极佳，可达1000次以上。
- B. 采用自动叠片或卷绕工艺，确保电芯一致性，适合于多电芯并联组合工作温度范围宽广（-20°C-- +65°C），有
- C. 生产圆柱和方型各种规格的电芯，单体容量从2~60Ah，并可组合成各种要求的动力电池模块
- D. 放电性能优越，可实现高倍率充放电且放电平台稳定；
- 耐高温特性。
- F. 绿色环保，产品符合UL、UN和ROHS指令。

1. High safety and long cycle life over 1000 times.
2. With automatic productions, the consistency of the battery is ensured and suit for series-parallel assembly.
3. Available in cylindrical and various prismatic types, with capacities of single cell from 2 to 60Ah and battery assembly according to customers different requirements.
4. High - rate discharging and stable operating voltage.
5. Wide operating temperature from -20°C to +65°C, excellent performance at high temperature.
6. Compliance with UL, UN and ROHS directions, environmental friendly.

电池 PACK BATTERY PACK

技术优势和产品特点

- 锂电定制设计方案
可采用松下、三星、LG电芯设计组合。



Technical Advantages and Product Characteristics

- The design of lithium customization can be combined with Panasonic, Samsung and LG cores.



电芯型号(Model): 14500、18650、21700、26650、32650

电池电压 (Voltage): 5V~60V

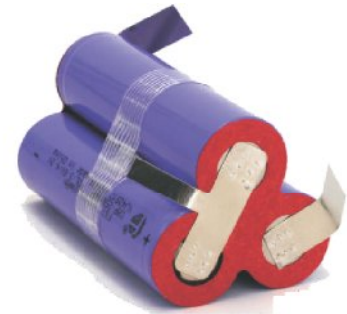
电池容量(Capacity): 2Ah~200Ah



以上只是部分规格，其它型号可以根据客户要求定制。
The above table lists only partial models. We can make customized products according to customer's requirements.

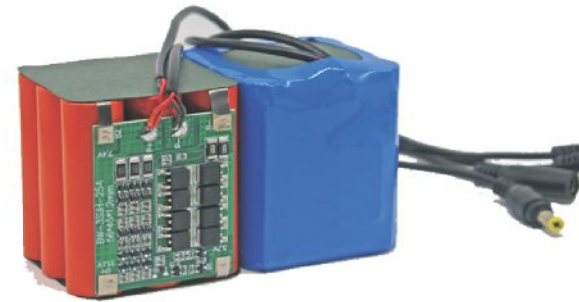
应用领域:

电动工具, 电动剪刀, 电动扳手, 照明, 医疗设备, 检测设备, 备用电源等



Application Area:

Electric tools, electric scissors, electric wrenches, lighting, Medical equipment, testing equipment, standby power supply, etc.

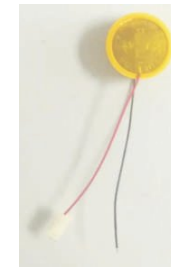


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The above table lists only partial models. We can make customized products according to customer's requirements.

产品概括 Product generalization

扣式锂电池主要应用在电脑主板、智能手表、3D眼镜、计算机、IC卡、电子词典、税控机、蓝牙耳机、手摇充电手电筒、压力计、玩具对讲机等产品中。
使用温度好、密封性能好, 贮存时间长, 放电电压平稳等许多优点。

Button lithium batteries are mainly used in computer motherboard, smart watch, 3D glasses, computer, IC card, electronic dictionary, tax control computer, Bluetooth headset, hand-operated rechargeable flashlight, pressure gauge, toy walkie-talkie and other products.



产品特点 Product characteristics

特点: 1. 充放电循环特性优秀, 可达500次循环以上。2. 用单个扣式锂离子电池做工作电源时, 不存在类似于镍镉或镍氢电池的选择匹配(即要求三颗串联的电池特性完全一样)的问题, 因而工作更加稳定可靠, 使用寿命更长。3. 安全性能优秀, 扣式锂离子电池具有完善的过充, 过放, 短路保护电路, 不存在任何危险。4. 没有记忆效应。扣式锂离子电池支持长期恒压浮充, 绝无记忆效应。5. 体积小而输出功率高, 使用温度范围大, 可在-20°C—+60°C下正常工作, 自放电率小。

Characteristic: 1. Charge-discharge cycle has excellent characteristics, up to 500 cycles. 2. When using single button lithium-ion batteries as working power supply, there is no problem similar to the selection and matching of nickel-cadmium or nickel-hydrogen batteries (i.e., three batteries in series are required to have exactly the same characteristics), so they work more stably and reliably, and have longer service life. 3. Excellent safety performance, button lithium-ion batteries have perfect overcharge, overdischarge, short circuit protection circuit, there is no danger. 4. No memory effect. Button-type lithium-ion batteries support long-term constant-pressure floating charging without memory effect. 5. Small volume, high output power, wide temperature range, and can work normally at -20 -60 -C with low self-discharge rate.



扣式锂电池产品规格表 SPECIFICATION FOR BUTTON LITHIUM BATTERIES

电芯型号	尺寸 (mm)		标称电压 (V)	内阻 (mΩ)	标称容量 (mAh)	充电上线电压 (V)
	直径	高度				
LIR0854	8.0	5.4	3.6V	800	22	4.2
LIR0943	9.0	4.3	3.6V	800	25	4.2
LIR1043	10.0	4.3	3.6V	800	35	4.2
LIR1054	10.0	5.4	3.6V	500	45	4.2
LIR1245	12.0	4.5	3.6V	500	50	4.2
LIR1254	12.0	5.4	3.6V	400	60	4.2
LIR1454	14.0	5.4	3.6V	350	85	4.2
LIR1654	16.0	5.4	3.6V	350	120	4.2

锂亚硫酰氯电池 LI/SOCI2 BATTERY



产品描述 Product generalization

锂-亚硫酰氯电池的负极是金属锂 (Li)，内部正极活性物质和电解液溶剂都为亚硫酰氯 (SOCl₂)，内部采用碳包式结构，电池更适合于小电流长寿命工作模式。

The negative electrode of lithium-thionyl chloride battery is lithium metal (Li). The internal positive active material and electrolyte solvent are all thionyl chloride (SOCl₂). Carbon-clad structure is adopted in the battery. The battery is more suitable for low current and long life operation mode.



产品特点 Product characteristics

高且稳定的工作电压
High and stable operating voltage
标称电压3.6V且工作电压在整个使用寿命期间都能保持明显的平稳性。
The nominal voltage is 3.6V, and the working voltage can maintain obvious stability throughout the service life.
使用温度范围广 (Wide range of temperature)
可在-60°C~+85°C的温度之间使用。
It can be used between -60 +85.

高能量密度 (High energy density)
锂-亚硫酰氯电池是现在所有一次电池中能量密度最高：达到650Wh/Kg和1280Wh/dm³。
Lithium-imide chloride batteries have the highest energy density of all primary batteries: 650Wh/kg and 1280Wh/dm³
较好的贮存寿命及可靠性 (Better storage life and reliability)
具有特别低的自放电特性，年自放电率≤2%，同时其制造采用不锈钢壳体与金属-玻璃密封气密焊接结构，因此该电池的保持期经证实可在室温下可存储10年以上。
The self-discharge rate is less than 2% per annum. At the same time, it is made of stainless steel shell and metal-glass sealed airtight welding structure. Therefore, the battery can be stored at room temperature for more than 10 years.
良好的密封性能 (Good sealing performance)
锂-亚硫酰氯电池为全密封电池。电池盖是焊接到电池外壳上，正、负极之间通过玻璃-金属封接 (Glass to metal) 进行绝缘和密封，注液孔也通过钢珠焊接实现全密封。
Lithium-thionyl chloride battery is a fully sealed battery. The battery cover is welded to the battery shell. The positive and negative electrodes are insulated and sealed by glass-to-metal sealing, and the filling holes are fully sealed by steel bead welding.
绿色无污染 (Green and pollution-free)
不含汞、镉、铅等重金属，无环境危害。
It does not contain mercury, cadmium, lead and other heavy metals, and has no environmental hazards.
产品认证 (Product certification)
UL、UN、CE、UN38.3、RoHs等认证。(UL, UN, CE, UN38.3, RoHs and other certifications.)

锂亚硫酰氯电池产品规格表 SPECIFICATION FOR LI/SOCI2 BATTERIES

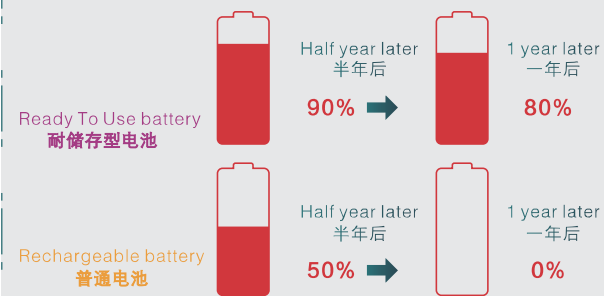
国际型号	标准型号	最大外形尺寸 (mm)	标称电压 (V)	终止电压 (V)	容量 (mAh)	最大连续工作电流 (Ma)	重量 (g)
2/3AAA	ER10280	10.5*28.0	3.6	2	500	10	5
AAA	ER10450	10.5*45.5	3.6	2	800	15	10
DD	ER341245	34.0*124.5	3.6	2	35000	400	220
C	ER26500	26.2*50.0	3.6	2	9000	180	55
1/2AA	ER14250	14.5*25.4	3.6	2	1200	25	11
2/3AA	ER14335	14.5*33.5	3.6	2	1650	40	13
9V	ER9V	17.0*26.5*48.8	10.8	6	1200	25	34
CC	ER261020	26.2*102.0	3.6	2	17000	200	100
AA	ER14505	14.5*50.5	3.6	2	2700	65	19
2/3A	ER17335	17.0*33.5	3.6	2	220	100	19
A	ER17505	17.0*50.5	3.6	2	3500	100	28
D	ER34615	34.0*61.5	3.6	2	19000	230	107
AF	ER18505	18.5*50.5	3.6	2	4000	130	29

镍氢低自放电电池 NI-MH READY TO USE BATTERIES



CAN BE STORED FOR LONGER TIME

Energy Residual Ratio Comparison



特性及参数 Features & Parameter



Compared with common Ni-MH battery, Ready-To-Use battery has many advantages such as lower self-discharge, longer storage time, longer service life, etc. Especially the superior performance of capacity recovered even the battery voltage is below 1.0V, and 80% charge retention even after one year storage. It is the best choice to replace primary batteries.

低自放电电池与普通镍氢电池相比，具有更小的自放电、更长的储存期、耐过放、寿命长等优点，尤其是电池电压低于1.0V时拥有良好的容量恢复功能。在常温状态下储存一年后容量保留在80%，是替代一次性电池的最理想产品。

耐储存型电池规格表 SPECIFICATION FOR READY TO USE BATTERY

型号 Model	规格 Size	容量 Nominal capacity (mAh)	尺寸 (mm) Dimensions		标准充电 Standard Charge		快速充电 Rapid charge	
			高度 Height	直径 Diameter	电流 (mA) Current	时间 (h) Time	电流 (mA) Current	时间 (h) Time
44AAA500	AAA	500	44.5	10.5	50	16	250	2.4
44AAA600	AAA	600	44.5	10.5	60	16	300	2.4
44AAA700	AAA	700	44.5	10.5	70	16	350	2.4
44AAA800	AAA	800	44.5	10.5	80	16	400	2.4
50AA1300	AA	1300	50.5	14.5	130	16	650	2.4
50AA1500	AA	1500	50.5	14.5	150	16	750	2.4
50AA1800	AA	1800	50.5	14.5	180	16	900	2.4
50AA2000	AA	2000	50.5	14.5	200	16	1000	2.4
50AA2100	AA	2100	50.5	14.5	210	16	1050	2.4
43A2000	A	2000	43	17	200	16	1000	2.4
43SC2800	SC	2800	43	22.5	280	16	1400	2.4
43SC3000	SC	3000	43	22.5	300	16	1500	2.4
50C4000	C	4000	50	25.8	300	16	2000	2.4
61D8000	D	8000	60.5	32.5	300	16	4000	2.4

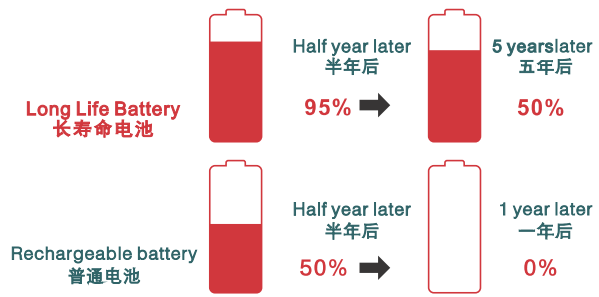
以上只是部分规格，其它型号可以根据客户要求定制
The above table lists only partial models. We can make customized products according to customer's requirements.

长寿命镍氢电池 LONG LIFE NI-MH BATTERIES



CAN BE STORED FOR LONGER TIME

Energy Residual Ratio Comparison



循环寿命 > 1500次
Cycle Life > 1500 times



特性及参数 Features & Parameter

- A. Takes completely new technics design.
- B. Low self discharge.
- C. Cycle life up to 1500 times.
- D. Electric charge will be over 50% after 5 years.

- A. 采用全新技术工艺设计
- B. 自放电低
- C. 循环寿命可达到1500次
- D. 标准充满电后，常温储存可达5年以上

长寿命电池规格表 SPECIFICATION FOR LONG LIFE BATTERY

型号 Model	规格 Size	容量 Nominal Capacity (mAh)	尺寸 Dimensions (mm)		标准充电 Standard Charge		快速充电 Rapid Charge	
			高度 (mm) Height	直径 (mm) Diameter	电流 (mA) Current	时间 (h) Time	电流 (mA) Current	时间 (h) Time
50AA2100	AA	2100	50.5	14.5	210	16	2100	1.2
50AA1900	AA	1900	50.5	14.5	190	16	1900	1.2
50AA1000	AA	1000	50.5	14.5	100	16	1000	1.2
50AA900	AA	900	50.5	14.5	90	16	900	1.2
44AAA750	AAA	750	45.0	10.5	75	16	750	1.2
44AAA700	AAA	700	45.0	10.5	70	16	700	1.2
44AAA600	AAA	600	45.0	10.5	60	16	600	1.2

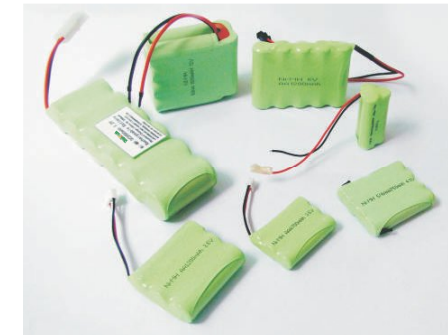
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高功率镍氢电池 HIGH POWER NI-MH BATTERIES

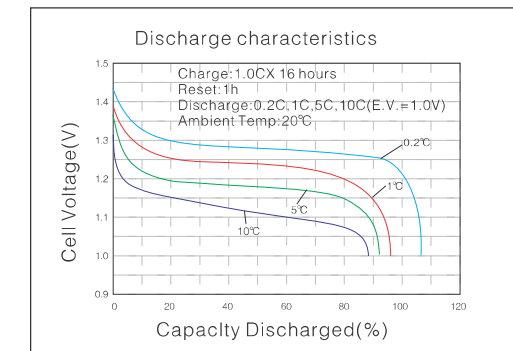
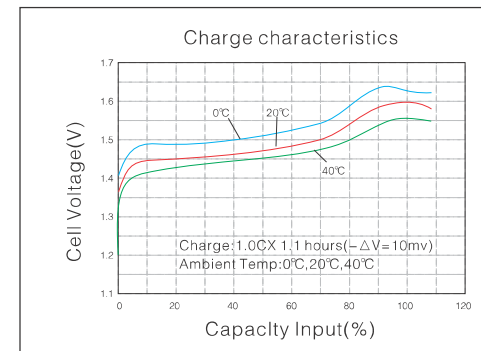


Low resistance, better high-rate(10C) discharge performance, high instantaneous discharge performance with extra high rate (above 15C/20C), and fine storage property. Progressive facilities are adopted in capacity checking, assures capacity stability. High power batteries are widely used for model aircrafts, 4WD models, electric tools, electronic toys, flash lamps, electric scooters, etc.

低内阻，高倍率（10C）放电性能好，瞬时放电甚至可以超高倍率（15C/20C）以上，并且具有良好的储存性能。采用先进的智能仪器进行容量分选，确保电池容量的一致性。高功率型电池主要用于模型飞机、高速跑车、电动工具、电动玩具、闪光灯、电动滑板车等。



特征曲线 FEATURE CURVES



高功率电池规格表 SPECIFICATION FOR HIGH POWER BATTERY

型号 Model	规格 Size	容量 Nominal capacity (mAh)	尺寸 (mm) Dimensions		标准充电 Standard Charge		快速充电 Rapid charge	
			高度 Height	直径 Diameter	电流 (mA) Current	时间 (h) Time	电流 (mA) Current	时间 (h) Time
44AAA600	AAA	600	44.5	10.5	60	16	300	2.4
44AAA700	AAA	700	44.5	10.5	70	16	350	2.4
50AA1300	AA	1300	50.5	14.5	130	16	750	2.4
50AA1500	AA	1500	50.5	14.5	150	16	750	2.4
43A2000	A	2000	43	17	200	16	1000	2.4
43SC1800	SC	1800	43	22.5	180	16	900	2.4
43SC2800	SC	2800	43	22.5	280	16	1400	2.4
43SC3000	SC	3000	43	22.5	300	16	1500	2.4
43SC3600	SC	3600	43	22.5	360	16	1800	2.4

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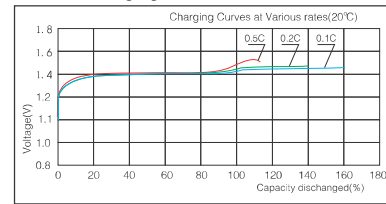
民用镍氢电池 CONSUMER NI-MH BATTERIES

高容量电池/耐储存电池 HIGH CAPACITY / READY TO USE BATTERY

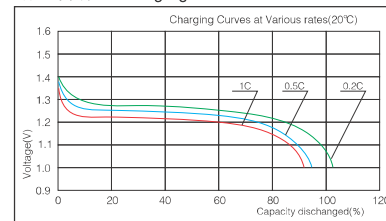
Compared with primary battery, same sized NI-MH battery possesses higher capacity which brings longer working time and conveniences. Besides, it is recycled environmental product. 与一次性电池相比, 使用更方便, 单位体积容量高, 工作时间更长, 并且是可循环使用的绿色产品。



充电曲线Charging Curves



放电曲线Discharging Curves



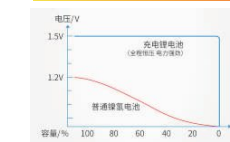
民用锂电池 CONSUMER LI-ION BATTERIES

1.5V充电锂电池 1.5V rechargeable lithium battery



1.5V rechargeable lithium battery is composed of polymer cores and multi-functional control chips. The battery has the advantages of environmental protection, strong power, sustainable 1.5V work, fast charging and 1200 cycles of charge and discharge. Applicable to cameras, electric shavers, electric toys, wireless microphones, electric toothbrushes, remote controllers, wireless mouse keyboards, alarm clocks, flashlights, clocks, calculators, radios, game handles and other electrical appliances. 1.5V充电锂电池采用聚合物电芯, 多功能控制芯片组合而成。该款电池具有绿色环保, 电力强劲, 可持续1.5V工作, 充电快捷, 可充电循环使用1200次等优势。适用于照相机, 电动剃须刀, 电动玩具, 无线话筒, 电动牙刷, 遥控器, 无线鼠标键盘, 闹钟, 手电筒, 钟表, 计算器, 收音机, 游戏手柄等多种电器。

1.5V全程恒压 电力强劲
特别适合各类大电流, 高电压家用电器



强劲动力 1.5H急速快充



碱性锌锰干电池 SUPER ALKALINE-MANGANESE DRY BATTERY

Alkaline-Manganese dry batteries are made from the top Japanese production line and modern manufacture technology. The battery discharge performance and packing method lead up to the modern level of battery fields. 我司生产的碱性锌锰干电池是采用日本一流的生产线和先进的制造工艺。电池性能和包装方式均达到同行领先水平。



碱性电池规格表 SPECIFICATION FOR ALKALINE BATTERIES

型号 Model	IEC 型号 Format	标称电压 Nominal Voltage(V)	尺寸 Dimension mm(Max)		放电状态 Discharge Condition			平均放电时间 Average Discharge Time(h)	
			直径 Diameter	高度 Height	内阻 Resistance (Ω)	放电时间 Discharge Time(h)	终止电压 Cut-off Voltage(V)	初始期 Initial Time	常温搁置12个月 Storage 12 month in normal temperature
LR03	AAA	1.5	10.5	44.5	10	1h/d	0.9	8	7.5
LR6	AA	1.5	14.5	50.5	3.9	1h/d	0.8	7	6.5
LR14	C	1.5	26.2	50.0	3.9	1h/d	0.8	18	17
LR20	D	1.5	34.2	61.5	3.9	1h/d	0.9	36	33
6LR61	Flat	9	26.5X17.5	48.5	270	1h/d	5.4	14	12.6
23A	Round	12	10.3	28.5	20K	1h/d	6.0	105	95
27A	Round	12	8.2	28.2	20K	1h/d	6.0	47	43

产品特性 Product characteristic

- A.高容量 Hig capacity
- B.防漏液性好 Strong ability to prevent leak
- C.绿色环保 No Cadmium, Mercury add, friendly environmental.
- D.安全可靠 Safety and reliable
- E.高低温特性好 Strong ability to work in high and low temperature
- F.储存时间长 Long storage life
- G.使用范围广 Wide range of use

专业、高效、创新、服务

PROFESSION EFFICIENCY INNOVATION SERVICE



广东 • 格泰