



CTECHi作为全球优质电池供应商, 我们有完整的电池供应链, 可以满足您在电池领域的需求
我们还能提供电池定制服务, 联系我们, 我们可以免费为您提供一套电池组定制解决方案。

As one of global superior battery suppliers, CTECHi has a complete battery supply chain to meet your requirements in the battery field. Please contact us, free solution for battery pack customization can be available at any time.



DEVELOPMENT HISTORY

发展历程

19 年发展

全球品牌 CTECHi

4家
成员公司

2家
分公司

2个
基地

2005

- 驰普成立
- CTECHi Founded

2008

- 驰普第一家工厂成立
- 提供电池解决方案
- Built CTECHi's own factory
- Provided lithium battery solution

2010

- 驰普成立研发团队
研发锂电池产品
- Formed a complete R&D team and R&D system

2015

- 便携式应急储能电源上市
(全系列使用磷酸铁锂电芯方案)
- Launched portable power station
(All series were made of LiFePO4 Batteries)

2018

- 成立欧洲分公司
- 获得国家级高新技术企业
- EU office
- Awarded National High-Tech Enterprise

2020

- 驰普在湖南建立属于自己的工业园
- 成立美国分公司
- USA office
- Established CTECHi Energy Storage Industrial Park

2022

- A轮融资
- 获得国家专精特新小巨人
- 成为储能行业标准制定者
- Series A funding round
- National SRDI Little Giant
- Industry standard setter



COMPANY CULTURE

驰普企业文化



企业理念

Corporate Philosophy

成长·快乐·受人尊重

Growing · Happy · Respectable



驰普价值观

VALUES

感恩，积极，担当，创新，精进，高效执行

Gratitude · Positive · Responsible · Innovative ·
Diligent · Efficient Implementation



驰普的使命

MISSION

科技创新，环保续航，让你的生活多一度精彩

Technology Innovation, Environmental Protection,
Improve the life of all Humanity



驰普愿景

VISION

成为世界五百强企业

Become a top 500 company in the world



客户使命

Customer Service

当您从异国他乡来驰普参观时，请您在到达深圳前一个小时致电给我们，我们会派专人给您安排一切，使您在驰普感受到家的温馨。
如果您对我们的产品或服务有任何的看法，欢迎不吝赐教，我们会非常感谢您提出宝贵的意见！

Your visit is a great honor for us, please call us anytime when stop by! Any suggestion of our products and services will be highly appreciated, thank you!

一站式电池产品服务及解决方案

ONE STOP BATTERY PRODUCT
SERVICE AND SOLUTIONS

驰普，深耕行业19年

自主研发、设计、制造、销售及技术支持，全链路系统化解决方案

COMPANY PROFILE

公司介绍

深圳市驰普科达科技有限公司（简称“驰普科达”）深耕行业19年，是一家致力于研发、设计、生产各种新能源储能产品的国家高新技术企业，国家专精特新小巨人企业。

驰普业务范围主要为便携式储能、家庭储能、工业储能三大核心业务，提供自主研发、设计、制造、营销、品牌及技术支持全链路系统解决方案，拥有国内外专业的销售团队及齐全的储能产品线，其自有品牌“CTECHI”在全球注册国民品牌“司塔奇”以安全为底色，通过科技创新，立志成为家庭必备第一款储能产品，让储能真正走进千家万户。目前CTECHI司塔奇产品已享誉海内外并覆盖全球大部分国家和地区，是储能行业领导品牌之一。

Shenzhen CTECHI Technology Co., Ltd., with 19 years of dedication to the energy storage industry, offers comprehensive one-stop battery services and solutions. Specializing in industrial, consumer, and home energy storage, we excel in independent design, R&D, manufacturing, marketing, and technical support. Our production sites in Shenzhen and Hunan provide a full spectrum of energy storage products. Backed by proficient global technical and marketing teams, CTECHI is committed to stringent product production, rigorous quality control, precise testing, and recognized international certifications to ensure peak product quality. Our innovative drive aims to make energy storage a household essential, expanding our reach across the global and establishing us as a core industry influencer.



Design



R&D



Manufacturing



Service & Support

PARTNERSHIPS

合作伙伴





MORE THAN 200+ PATENTS AND CERTIFICATES

专精技术

立志将中国制造改写为中国智造
的“技术控”



国家高新技术企业
National
High-tech Ent.



国家专精特新小巨人
National SRDI "little
giant" Ent.



广东省专精特新
Guangdong
SRDI Ent.



深圳市高新技术企业
Shenzhen High
tech Ent.



200+知识产权，其中发明专利27项

行业内极少数拥有储能行业相关发明专利的企业之一

技术支持以及品质管控

R&D services and Quality & control



531项测试

531 PROFESSIONAL TESTS



15 项 电池单元测试
Battery Cell tests



56 项 BMS测试
BMS Tests



149 项 主板测试
Mainboard tests



200 项 逆变器板
Inverter board
tests



27 项 电池组测试
Battery pack tests



61 项 产品测试
Finished product tests



15 项 汽车充电测试
Car charge tests



8 项 太阳能测试
Solar energy tests



一站式电池服务和解决方案

ONE STOP BATTERY PRODUCT
SERVICE AND SOLUTIONS



1. 产品需求

Product Requests



2. 设计

Design



3. 样品确认

Sample confirmed



4. 制造

Manufacturing



7. 售后服务

After sale services



6. 物流

Logistics



5. 品质管控

QC





CELL

- 01 品牌电芯
Branded Battery
- 02 3V一次性电池
Primary Battery
- 03 锂亚电池
Lithium Thionyl Chloride Battery
- 04 锂离子电池
Lithium Ion Rechargeable Battery
- 05 磷酸铁锂电池
LiFePO4 Battery
- 06 镍氢电池
Ni-Mh Battery
- 07 镍镉电池
Ni-Cd Battery
- 08 碱性/碳性/锌空电池
Alkaline & Carbon-zinc & Zinc Air Battery
- 09 氧化银电池
Silver Oxide Battery

PACKS

- 10 纽扣电池组装定制
OEM/ODM Button Battery
- 11 电池组定制
Customized Battery
- 12 便携式应急储能电源
Portable Power Station
- 13 太阳能板
Solar Panels
- 14 锂代铅酸电池
LiFeP 04 Battery Pack
(Replaced Lead Acid Battery)
- 15 逆变器
Inverter

SYSTEMS

- 16 户用储能
Residential Energy Storage Battery
- 17 工商业及集装箱储能
Industrial and Commercial Energy Storage Systems
- 18 户用逆变器
Residential Inverter
- 19 太阳能板
Solar Panels

ACCESSORIES

- 20 电池座
Battery Holder
- 21 充电器
Battery Charge
- 22 保护板
Battery Management System
- 23 包
Bags

PRODUCT CENTER

产品中心

纽扣电池组定制 Custom/OEM Button Battery

电池加片采用日本先进微电脑控制设备，在国内电池行业率先应用微电脑控制高频逆变点焊机进行电池焊脚加工，采用优质的焊片及镀锌工艺，解决了多年来存在的焊片脱落、焊点黑斑、及对电池的伤害问题，经加工后对电池电压、容量没有任何改变。做工精细，性能稳定，可根据客户的不同需求给与工艺设计进行加工焊脚。3V带焊脚扣式电池可替代电池座直接焊在电路板上。具有利于减少人工费用，提高效率，降低产品成本的优势，在品质优良的情况下还可以给您的公司节省成本，创造利润！电池有CR、BR、VL、ML、PH、LIR等系列。

The series of button batteries are as following, CR, BR, VL, ML, PH, LIR etc. CTECHI adopts Japanese top microcomputer to sold button batteries with pins. It solves the problems which exist for many years, such as pins fall off, welding left black spots and damage. The voltage and capacity of button batteries remain the same after welding due to qualified pins and skillful welding experience. CTECHI can care for the varying needs of different customers, we could offer OEM, ODM services to facilitate their business development.



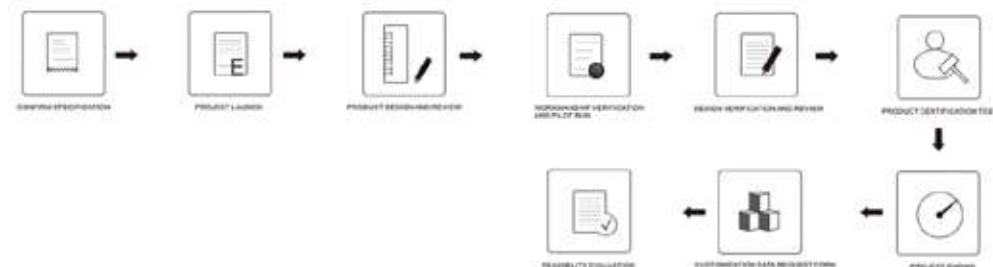
电池组定制 Customized Battery

她曾是一家致力于研发、生产、销售各种锂电池组的国家高新企业。

自成立以来，CTECHI致力于工业类、储能类、特种类、安防类、医疗类提供解决方案。在15年的发展过程中，CTECHI已成为锂电池组的全球领先供应商。

CTECHI is a national high-tech enterprises which dedicated to the R&D, manufacture and sales of rechargeable lithium battery packs.

Since its establishment, CTECHI is committed to serve Industrial Battery Packs (Medicine Device, Security Device, POS Machine, Interphone, Business Device, Communication Device, Instrument Device, Electric Power Tool and 3C Digital Products), Energy Storage Battery Packs (Solar Panel, AGV, Forklift, Golf Cart, Marine, RV, Backup Power), Military & Security Battery (Explosion-proof handheld devices, wireless comprehensive testing equipment, track detectors, electric wrenches, signal monitoring, handheld navigation equipment, sonar equipment, rescue helicopter equipment, special laser guns, outdoor power monitoring, on-board computing, sightseeing trains), Medical Battery (B Ultrasound Machine, Electrocardiograph, Monitor, Breathing Machine, Anaesthesia Machine, Oxygenator, Topping-up Pump, Air Pump, Oximeter, Glucometer, Cardiac Pacemaker). During 15 years development, CTECHI has become a world's leading supplier of lithium ion battery pack.



INDUSTRIAL AREA BATTERY SOLUTIONS

APPLICATION

AGV, RV, KART CAR, FORKLIFT, ELECTRIC BOAT, GOLF CART, ROBOT,
COLD STORAGE CABINET, MILITARY, SECURITY



Long
Cycle Life



Safe
And Reliable



Low
Self-discharge



Green
Environmental
Protection



Maintenance-free



Can Be
Customized



Low Energy
Density



Ultra-low
Power
Consumption



Small And
Light Weight

Nominal Voltage	25.6V	38.4V	48V	51.2V
Nominal Capacity	200Ah	30Ah	1000Ah	200Ah
Charge Voltage	28.8V	43.2V	57.6V	58.4V
Discharge Current	200A	30A	300A	100A
Life Cycle	5000cycle (80% DOD)			
Communication Mode	RS485/RS232/CAN (Optional)			
Model of the interface	Andersen or Rema or TE or Other parts/customized models			
Battery Weight (About)	88.8kg	11.6kg	530kg	46kg
Battery Size (adj)	320*230*610mm	240*120*260mm	1320*973*320mm	565*330*255mm

ODM IS WELCOME



ENERGY STORAGE BATTERY SOLUTIONS

APPLICATION

SOLAR LIGHT, BASE STATION, HOME SOLAR ENERGY STORAGE, BACKUP



Longest Life

Up to 10x longer cycle life than lead-acid equivalent



Non-hazardous

No gasses emitted



More Usable Capacity

25-50% more capacity than lead-acid equivalent



Long Shelf-life

Low self-discharge to battery maintains state of charge



Psoc Tolerant

No damage from partial state of charge operation or storage



Constant Power

Full power available throughout discharge. Voltage does not drop like lead-acid

Nominal Voltage	12.8V	24V	48V	48V
Nominal Capacity	6000mAh	200Ah	100Ah	200Ah
Charge Voltage	14.6V	28.8V	43.2V	58.4V
Discharge Current	6A	200A	200A	200A
Life Cycle	5000cycle (80% DOD)			
Communication Mode	RS485/RS232/CAN (Optional)			
Model Of The Interface	Andersen or Rema or TE or Other parts/customized models			
Battery Weight (About)	0.7kg	50kg	62kg	137kg
Battery Size (adj)	90*70*101mm	410*349*417mm	578*410*210mm	867*358*393mm

ODM IS WELCOME



CONSUMER ELECTRONICS BATTERY SOLUTIONS

APPLICATION

SMARTPHONES, LAPTOPS, RADIOS, DIGITAL CAMERAS, TELEVISIONS, AUDIO EQUIPMENT, CALCULATORS, CAMCORDERS, PERSONAL CARE DEVICES, GAMING CONSOLES, MEDICAL DEVICE, COMMERCIAL FINANCE, INSTRUMENT AND APPARATUS, ELECTRIC POWER COMMUNICATION.

- 

Long Cycle Life
- 

Safe And Reliable
- 

Low Self-discharge
- 

Green Environmental Protection
- 

Maintenance-free
- 

Can Be Customized
- 

Low Energy Density
- 

Ultra-low Power Consumption
- 

Small And Light Weight

Nominal Voltage	3.6V	7.2V	11.1V	21.6V
Nominal Capacity	23.8Ah	4000mAh	9000mAh	10.5Ah
Charge Voltage	4.2V	8.4V	12.6V	25.2V
Battery Weight (About)	342kg	140g	500g	2kg
Battery Size (adj)	50*55*13.5mm	145*21.5*25mm	170*20*66mm	118*75.3*59mm

ODM IS WELCOME





LIFEPO₄ BATTERY PACKS

REPLACES LEAD ACID BATTERIES



Bluetooth/LCD version
LiFePO₄ Battery



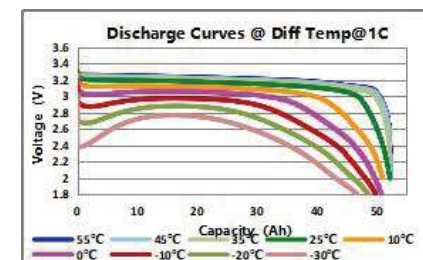
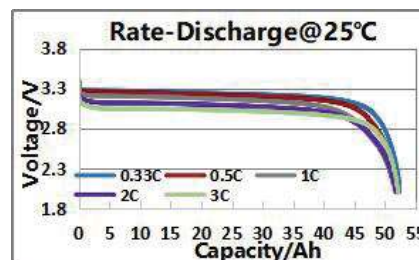
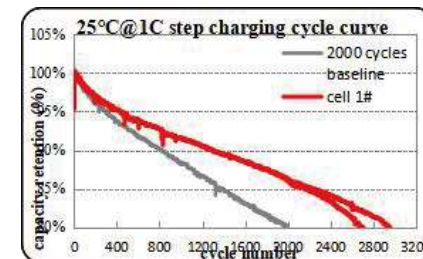
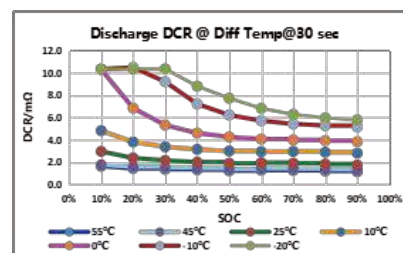
Low temperature
LiFePO₄ Battery



Connect in series
Connect in parallel

LIFEPO₄ BATTERY PACKS(REPLACES LEAD ACID BATTERIES)

item	Model	Voltage	Capacity	Max.Discharging Current	Max.Charging Current	Size (L*W*H)	Weight
01	CT-6V/6AH	6	6Ah	6A	6A	70*47*100mm	0.38Kg
02	CT-12V/6AH	12V	6Ah	6A	6A	90*70*101mm	0.7Kg
03	CT-12V/7AH	12V	7Ah	7A	7A	151*65*94mm	0.88Kg
04	CT-12V/12AH	12V	12Ah	12A	12A	181*77*175mm	1.42Kg
05	CT-12V/18AH	12V	18Ah	12A	12A	181*77*175mm	1.42Kg
06	CT-12V/50AH	12V	50Ah	50A	50A	229*138*208mm	5.96Kg
07	CT-12V/80AH	12V	80Ah	80A	80A	330*173*216mm	7.72Kg
08	CT-24V/100AH	24V	100Ah	100A	50A	490*171*240mm	19.48Kg
09	CT-12V/100AH	12V	100Ah	100A	100A	256*165*210mm	10.5Kg
10	CT-12V/200AH	12V	200Ah	200A	100A	490*171*240mm	20.88Kg
11	CT-12V/300AH	12V	300Ah	200A	150A	520*267*220mm	31.32Kg

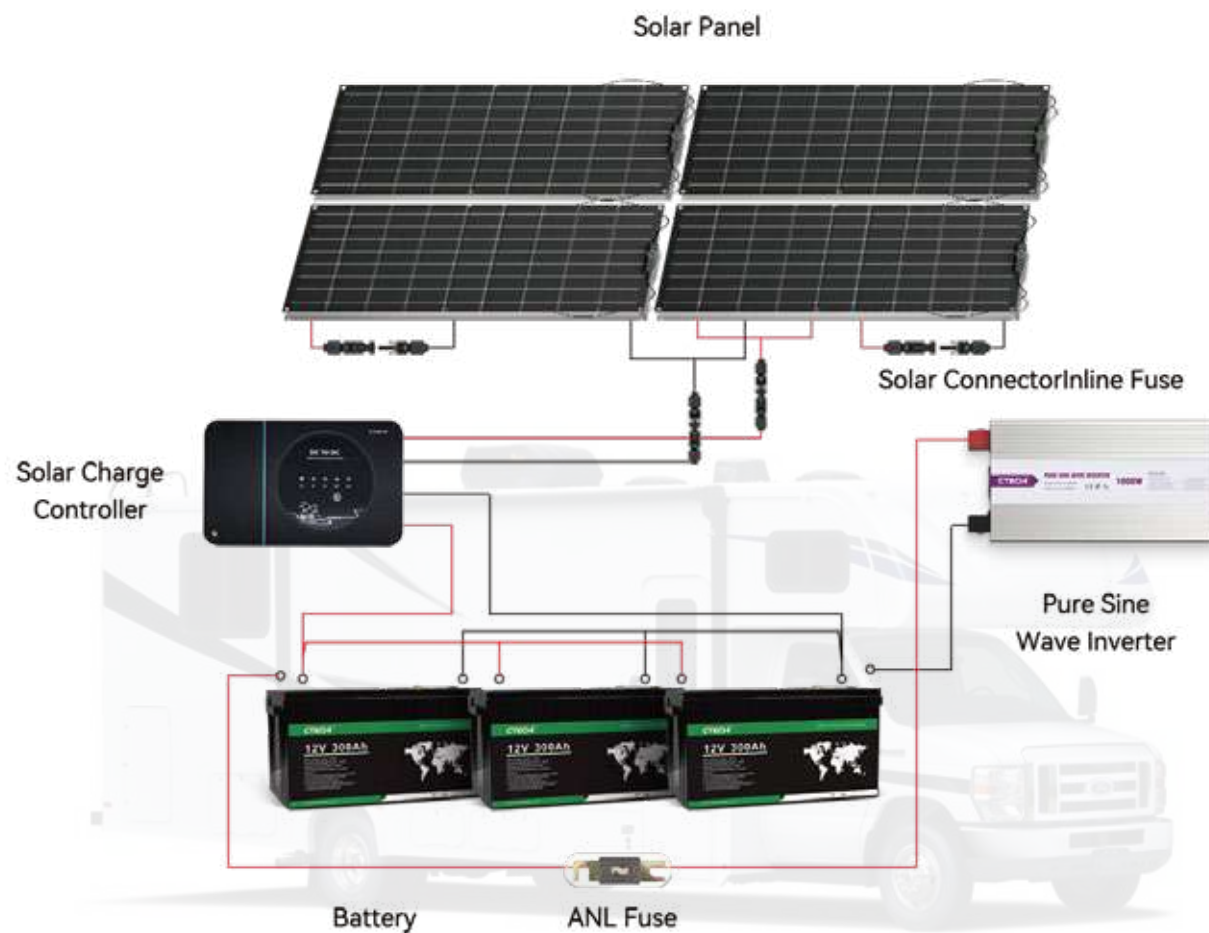


RV SOLUTION

房车电池解决方案

AN OVERVIEW OF CLASSIC SOLAR SETUP

房车整体系统展示图





LIFEPO4 BATTERY PACKS

替代铅酸蓄电池

Model	Voltage	Capacity	Discharging Current	Charging Current	Size (mm)	Weight (kg)
CT-12V/50AH	12V	50Ah	50A (Max)	50A (Max)	229*138*208	5.96
CT-12V/100AH	12V	100Ah	100A (Max)	100A (Max)	256x165x210	10.5
CT-12V/200AH	12V	200Ah	200A (Max)	100A (Max)	490*171*240	20.88
CT-12V/300AH	12V	300Ah	200A (Max)	150A (Max)	520*267*220	31.32
CT-12V/400AH	12V	400Ah	350A (Max)	300A (Max)	520*267*220	51
CT-24V/50AH	24V	50Ah	50A (Max)	50A (Max)	256x165x210	10.5
CT-24V/100AH	24V	100Ah	100A (Max)	50A (Max)	490*171*240	20.88
CT-24V/200AH	24V	200Ah	200A (Max)	100A (Max)	520*267*220	29.22
CT-48V/50AH	48V	50Ah	50A (Max)	50A (Max)	520*267*220	29.22





Model	CT-IV-1000W	CT-IV-2000W	CT-IV-3000W-1
Rated power	1000W	2000W	3000W
Peak Power	2000W	4000W	6000W
Frequency	50Hz/60Hz (Adjustable)	50Hz/60Hz (Adjustable)	50Hz/60Hz (Adjustable)
Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Input Voltage	12V/24V(optional)	12V/24V(optional)	12V/24V(optional)
Output Voltage	220/ 230/ 240V(optional)	220/ 230/ 240V(optional)	220/ 230/ 240V(optional)
Conversion efficiency	12V>90% 24V>92%	12V>90% 24V>92%	12V>90% 24V>92%
Remote Control	Acceptable	Acceptable	Acceptable



NK 600-600W pure sine wave inverter with APP function

Model	Rated power	Surge power
NK600	600W	1200W
DC input voltage	12V or 24V or 48V	
AC output voltage	100-120V/200-240V	
AC output Frequency	50/60Hz setting by dip switch	
Output waveform	pure sine wave	
USB port	5V2.1A	
Power saving mode	setting by dip switch	
PC communication	RS485	
APP function	optional	
Dimension(L*W*H)	281.5*173.6*103.1(mm)	
Net weight/Gross weight	2.813kg/3.479kg	



NK1000-1000W pure sine wave inverter with APP function

Model	Rated power	Surge power
NK1000	1000W	2000W
DC input voltage	12V or 24V or 48V	
AC output voltage	100-120V/200-240V	
AC output Frequency	50/60Hz setting by dip switch	
Output waveform	pure sine wave	
USB port	5V2.1A	
power saving mode	setting by dip switch	
PC communication	RS485	
APP function	optional	
Dimension(L*W*H)	313.5*173.6*103.1(mm)	
Net weight/Gross weight	2.935kg/3.593kg	

NK1500-1500W pure sine wave inverter with APP function

Model	Rated power	Surge power
NK1500	1500W	3000W
DC input voltage	12V or 24V or 48V	
AC output voltage	100-120V/200-240V	
AC output Frequency	50/60Hz setting by dip switch	
Output waveform	pure sine wave	
USB port	5V2.1A	
Power saving mode	setting by dip switch	
PC communication	RS485	
APP function	optional	
Dimension(L*W*H)	325.2*281.3*112.7(mm)	
Net weight/Gross weight	4.85kg/5.903kg	

NK2000-2000W pure sine wave inverter with APP function

Model	Rated power	Surge power
NK2000	2000W	4000W
DC input voltage	12V or 24V or 48V	
AC output voltage	100-120V/200-240V	
AC output Frequency	50/60Hz setting by dip switch	
Output waveform	pure sine wave	
USB port	5V2.1A	
Power saving mode	setting by dip switch	
PC communication	RS485	
APP function	optional	
Dimension(L*W*H)	325.2*281.3*112.7(mm)	
Net weight/Gross weight	5.129kg/6.088kg	

MPPT SOLAR CHARGE CONTROLLER

Support A Wide Range Of
PV Input And Battery
Buck-Boost Charging Series



CONTROLLER PARAMETER

VALUE

Model No	M4820CUK	M4840CUK
Battery System Voltage	12V/24V/36V/48V, Auto (FLD/GEL/SEL/USE, Manual (LUSE)	
No-load Loss	10mA	
Max Solar Input Voltage	<150Voc	
Rated Solar Charge Current	20A	40A
Max Solar Input Power	300W/12V: 600W/24V 900W/36V;1200W/48V	600W/12V:1200W/24V 1800W/36V;2400W/48V
Light Control Voltage	5V	
Light Control Delay Time	10s	
Operating Temperature	-25C~ +55°C	
IP Protection	IP32	
Net Weight	12kg	2.2kg
Operating Altitude	<3000m	
Controller Dimension	220*159*58mm	240*180*80mm
Communication Port	RS485+Bluetooth(App) / CAN Optional	
Protection	PV Over-Voltage, PV Reverse Protection, Battery Over-Charge, Battery Reverse Protection, Controller Over-Heating, High Ambient Temperature	
Key	1 Key (Set the battery type and the system voltage)	
Key Function	1. Short press-view the battery type, the SET indicator flashes and the others represent the battery type 2. Long press-enter the setting, SET indicator is always on, the rest of the indicators are flashing, short press can adjust the parameters	

BATTERY VOLTAGES

BATTERY PARAMETERS

Battery Types	FLD	SEL	GEL	USE	LI (adjustable)
Equalize Charge Voltage	14.8V*n	14.6V*n			
Boost Charge Voltage	14.6V*n	14.4V*n	14.2V*n	Default: GEL	Default: 14.2V*n
Float Charge Voltage	13.8V*n	13.8V*n	13.8V*n	Default: GEL	
Boost Charge Recovery Voltage	13.2V*n	13.2V*n	13.2V*n	Default: GEL	
Over-discharge Recovery Voltage				Default: GEL	
Over-discharge Voltage				Default: GEL	
Auto Temperature Compensation	-3mV/2V/°C				

DC-DC MPPT SOLAR CHARGER

Smart Buck-Boost Dual Battery Charging
Buck-Boost Charging Series

PARAMETER	VALUE
Model No.	M2430ND
No-load Loss	25mA
System Wiring Grounded	Negative Grounded
Operating Temperature	-25°C~45°C
Storage Temperature	-40°C~65°C
Operating Altitude	<3000m
IP Protection	IP45
Charging Efficiency	>98%
Communication Port	ModBus/RS485/CAN(CAN Optional)
Charging Derating	When the controller temperature reaches above 65°C, the step-down charging starts, and when the temperature drops to 65°C, normal charging is resumed.
Wiring Method	Bare wire terminals (M5)
Max Wire Cross Section Area	10mm ² (7AWG)
LED instructions	PV, BAT1, BAT2, EXT,IGN
Operating Mode	Remote Display
Bluetooth Connection	Built in Bluetooth on display for APP operation PV Over-Voltage, PV Reverse Protection, Battery Over-Charge, Battery
Protection	Reverse Protection, EXT input Over-Voltage, EXT Reverse Protection, Controller Over-Heating, High Ambient Temperature

BATTERY 1	BATTERY 2
Battery	Main Battery (Service Battery) Secondary Battery (Starter Battery)
Battery System Voltage	12/24V
Battery Voltage Range	8-32V
Battery Type	GEL/SEL/FLD/LI/USER (Optional)
Charging Mode	MPPT+CC+CV
Max Current	30A
BVS	Yes

PV	
Charging Mode	Buck MPPT+CC+CV
Max Solar Input Power	450W/900W
Max Solar Input Voltage	60Voc
PV Tracking Efficiency	>99%



Dual Battery Charge



Buck-Boost Charge



RV Use



PV Input



DC Input



Max Charge Current



CONTROLLER PARAMETER

VALUE

Model No.	M2440N
System Wiring	Negative Grounded
Battery System Voltage	12V/24V
	Auto(FLD/GEL/SEL/USE)
	Manual(LI/USE)
No-load Loss	12mA/12V;10mA/24V
Max Solar Input Voltage	<100Voc
Rated Solar Charge Current	40A
Max Solar Input Power	600W/ 12V;1200W/ 24V
Light Control Voltage	5V*n
Light Control Delay Time	10s
Max Load Output Current	20A
Operating Temperature	-35°C~+45°C
IP Protection	IP32
Net Weight	2.02kg
Communication Port	RS485+Bluetooth(APP)
Operating Altitude	≤ 3000m
Controller Dimension	245*180*82.5mm

BATTERY VOLTAGES

BATTERY PARAMETERS

Battery Types	FLD	SEL	GEL (default)	USE (adjustable)	LI (adjustable)
Equalize Charge Voltage	14.8V*n	14.6V*n		Default	
Boost Charge Voltage	14.6V*n	14.4V*n	14.2V*n	Default: GEL	Default: 14.2V*n
Float Charge Voltage		13.8V*n		Default: GEL	
Boost Charge Recovery Voltage		13.2V*n		Default: GEL	
Over-discharge Recovery Voltage		12.6V*n		Default: GEL	
Over-discharge Voltage		11.1V*n		Default: GEL	Default: 11.1V*n
Auto Temperature Compensation		-3mV/2V/°C		Default: GEL	

MPPT SOLAR CHARGE CONTROLLER BT-APP / NEGATIVE GROUNDING



Overcharge
Protection



Over-discharge
Protection



Short-circuit
Protection



Reverse
Protection



Overheat
Protection



Overload
Protection



CONTROLLER PARAMETER

VALUE

Model No.	M4860N
System Wiring	Negative Grounded
Battery System Voltage	12V/ 24V/ 36V/ 48V Auto (FLD/GEL/SEL/USE) Manual(LI/USE)
No-load Loss	12mA/12V;10mA/24V;5mA/36V;6mA/48V
Max Solar Input Voltage	<150Voc
Rated Solar Charge Current	60A
Max Solar Input Power	900W/12V;1800W/24V 2600W/36V;3200W/48V
Light Control Voltage	5V*n
Light Control Delay Time	10s
Max Load Output Current	20A
Operating Temperature	-35°C ~+45°C
IP Protection	IP32
Net Weight	4.55kg
Communication Port	RS485+Bluetooth (APP)
Operating Altitude	≤ 3000m
Controller Dimension	280*210*102.7mm

BATTERY VOLTAGES

BATTERY PARAMETERS

Battery Types	FLD	SEL	GEL (default)	USE (adjustable)	LI (adjustable)
Equalize Charge Voltage	14.8V*n	14.6V*n		Default	
Boost Charge Voltage	14.6V*n	14.4V*n	14.2V*n	Default: GEL	Default: 14.2V*n
Float Charge Voltage		13.8V*n		Default: GEL	
Boost Charge Recovery Voltage		13.2V*n		Default: GEL	
Over-discharge Recovery Voltage		12.6V*n		Default: GEL	
Over-discharge Voltage		11.1V*n		Default: GEL	Default: 11.1V*n
Auto Temperature Compensation		-3mV/2V/°C		Default: GEL	

MPPT SOLAR CHARGE CONTROLLER BT-APP / NEGATIVE GROUNDING



Overcharge
Protection



Over-discharge
Protection



Short-circuit
Protection



Reverse
Protection



Overheat
Protection



Overload
Protection



SOLAR PANELS



MODEL	CTSP50	CTSP100	CTSP175	CTSP200
Maximum Power at STC	50W	100W	175W	200W
Module Efficiency	14.40%	14.90%	17.30%	16.70%
Optimum Operating Voltage (Vmp)	20.3V	18.9V	19.5V	20.1V
Open-Circuit Voltage (Voc)	24.3V	22.5V	23.9V	23.9V
Optimum Operating Current (Imp)	2.47A	5.29 A	8.98A	10.02A
Short-Circuit Current (Isc)	2.75A	5.75 A	9.50 A	10.74A
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Maximum Series Fuse Rating	15A	15A	15A	
Maximum System Voltage	600 VDC UL	600V DC (UL)	600V DC (UL)	
Weight	1.3 kg	1.9 kg	2.8 kg	4.9 kg
Dimensions	683 x 508 x 4 mm	1219 x 546 x 2 mm	1504 x 673 x 2 mm	1605 x 748 x 3 mm





540-555W

CTECHi PV

External Dimensions	2278x1134x35 mm
Weight	27.0 kg
Solar Cells	PERCMono (144pcs)
Front Glass	3.2mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68,3 diodes
Output Cables	4.0mm ² ,250mm(+)/350mm(-) or Customized Length
MechanicalLoad	Front side 5400Pa/ Rear side 2400Pa



540-555W

CTECHi PV

External Dimensions	2278 x 1134 x 30 mm
Weight	32.0 kg
Solar Cells	PERC Mono crystalline(144pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length

Portable Power Station

便携式应急储能电源



GT280

LiFePO4



POWER 280W
Peak Power 480W

CAPACITY (Wh)
192/ 230/ 307/ 384

Life Cycle: 3500(85%)

USB Output: QC3.0*2: (18W) Max

USB-C Input/Output: PD&QC3.0*1: (60W) Max

DC Output: DC5521*2 (120W) Max

AC Output: 220V-240V (50Hz)
100-120V ((50Hz /60Hz))

DC Input: 20V=3A, 60W(7909)

Solar /Car Charge: 12V-29V=4A Max

weight: 2.6/ 3.1/ 3.6/ 4kg

Size: 242 x 88 x 205mm

GT500

LiFePO4



POWER 500W
Peak Power 1000W

CAPACITY (Wh)
345/ 518

Life Cycle: 3500(85%)

USB Output: USB-A*3 (Total 30W)

USB-C Input/Output: PD*1: (60W) Max

DC Output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)
100-120V (50Hz /60Hz)

DC Input: 27V=4.5A, 121.5W

Solar /Car Charge: 12V-29V=4.5A Max

weight: 6.6/ 7kg

Size: 284 x 161 x 230mm

GT800

LiFePO4



POWER 800W
Peak Power 1600W

CAPACITY (Wh)
518/ 576/ 864

Life Cycle: 3500(85%)

USB Output: USB-A*2 (18W)

USB-C Output: PD*1: (30W Max)
PD*1: (100W Max)

Cigar lighter output: 12V=10A (120W Max)

AC Input: 300W

Solar /Car Charge: 12V=29V (180W Max)

weight: 7/ 7/ 8.7kg

Size: 320 x 175 x 243mm

GT1500

LiFePO4



POWER 1500W
Peak Power 2500W

CAPACITY (Wh)
1008/ 1209

Life Cycle: 3500(85%)

USB Output: USB-A*3: (Total 30W) Max

USB-C Output: PD*1: (60W) Max

Cigar lighter output: 12V=10A (120W Max)

AC Output: 220V-240V (50Hz)
100-120V (50Hz /60Hz)

DC Input: 27V=8.5A, 220W (7909)

Solar /Car Charge: 12V-29V=8A Max

weight: 14.9/ 17kg

Size: 400 x 210 x 290mm

GT2000

LiFePO4

POWER 2000W
Peak Power 4000W

CAPACITY (Wh)
1296 / 1440



Life Cycle: 3500(85%)

USB-A Output: USB-A*2: (18W Max)

USB-C Output: PD*1: (30W Max)
PD*1: (100W Max)

AC Output: 220V-240V (50Hz)
100-120V (50Hz /60Hz)

DC Output: 5521*2 (120W Max)

Cigar lighter Output: 120W Max

AC Input: 1200W

Solar /Car Charge: 12V-65V / 20A Max

weight: 14.9/ 17kg

Size: 400 x 210 x 294mm



GT200

LiFePO4



POWER 200W

Peak Power 400W

CAPACITY (Wh)

192/ 230/ 307

Life Cycle:	3500(85%)
USB Output:	QC3.0*2: (18W) Max
USB-C Input/Output:	PD&QC3.0*1: (60W) Max
DC Output:	DC5521*2 (120W) Max
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
DC Input:	20V=3A, 60W(7909)
Solar /Car Charge:	12V-29V=4A Max
weight:	3.1/ 3.6/ 4kg
Size:	242 x 88 x 205mm

GT300

LiFePO4



POWER 300W

Peak Power 450W

CAPACITY (Wh)

230/ 307

Life Cycle:	3500(85%)
USB Output:	USB-A*2: (12W) Max
USB-C Output:	PD&QC3.0*1: (30W) Max
Cigar lighter output:	12V=10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
DC Input:	15V=4A, 60W
Solar /Car Charge:	12V-29V=4A Max
weight:	3.82/ 4.4kg
Size:	257 x 160 x 165mm

GT600

LiFePO4



POWER 600W

Peak Power 1200W

CAPACITY (Wh)

384/ 460/ 576/ 691

Life Cycle:	3500(85%)
USB Output:	QC3.0*2: (18W) Max
USB-C Output:	PD&QC3.0*1: (60W) Max
Cigar lighter output:	12V=10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
DC Input:	20V=6A, 120W
Solar /Car Charge:	12V-29V=6A Max
weight:	5.2/ 7.8/ 6.4/ 7.8kg
Size:	298 x 174 x 193mm

ST1600

LiFePO4



POWER 1600W

Peak Power 2500W

CAPACITY (Wh)

1152/ 1536

Life Cycle:	3500(85%)
USB Output:	USB-A*2 (18W Max)
USB-C Output:	PD&QC3.0*1: (30W Max)
Cigar lighter output:	12V=10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
AC Input:	500W
Solar /Car Charge:	12V-29V=8A Max
weight:	16.4/ 18.4kg
Size:	363 x 234 x 291mm



ST2000

LiFePO4

POWER 2200W

Peak Power 4000W

CAPACITY (Wh)

1440/ 2160

Life Cycle:	3500(85%)	AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
USB Output:	USB-A*2: 18W Max	AC Input:	1200W
USB-C Output:	PD&QC3.0*1: 30W Max PD&QC3.0*1: 100W Max	Solar /Car Charge:	12V-65V=20A Max
Cigar lighter output:	120W Max	weight:	23.1/ 27.6kg
DC Output:	DC 5521*2 (120W Max)	Size:	411 x 260 x 355mm



ST3000

LiFePO4

POWER 3000W

Peak Power 6000W

CAPACITY (Wh)

1440/ 2160

Life Cycle:	3500(85%)	AC Input:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
USB Output:	USB-A*2: QC3.0 (18W) Max	Input power grid:	1200W
USB-C Output:	PD&QC3.0*1: 100W) Max PD&QC3.0*1: 30W Max	Solar /Car Charge:	12V-65V=20A Max
Cigar lighter output	120W Max	weight:	23.6/ 28.1kg
		Size:	411 x 260 x 355mm



BT300

LiFePO4



POWER 300W

Peak Power 450W

CAPACITY (Wh)

192/ 230/ 345/384

Life Cycle:	3500(85%)
USB Output:	USB-A*2: (12W) Max
USB-C Output:	PD&QC3.0*1: (30W) Max
Cigar lighter output:	12V 10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
DC Input:	15V=4A, 60W
Solar /Car Charge:	12V-29V= 4A Max
weight:	3.9/ 4.45/ 5.1/ 5.6kg
Size:	250 x 155 x 176mm

BT600

LiFePO4



POWER 600W

Peak Power 1200W

CAPACITY (Wh)

460/ 576/ 691

Life Cycle:	3500(85%)
USB Output:	QC3.0*2: (18W) Max
USB-C Output:	PD&QC3.0*1: (60W) Max
Cigar lighter output:	12V/ 10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
DC Input:	20V/ 6A, 120W
Solar /Car Charge:	12V-29V/ 6A Max
weight:	8.5/ 7.3/ 8.5kg
Size:	270 x 182 x 190mm

BT800

LiFePO4



POWER 800W

Peak Power 1600W

CAPACITY (Wh)

518/ 576

Life Cycle:	3500(85%)
USB Output:	USB-A*1 (18W) Max
USB-C Output:	PD&QC3.0*1: (30W) Max PD&QC3.0*1: (100W) Max
Cigar lighter output:	12V=10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz)
DC Input:	300W
Solar /Car Charge:	12V-29V=8A Max
weight:	8.1/ 8.1kg
Size:	299 x 188 x 192mm

BT1200

LiFePO4



POWER 1200W

Peak Power 2400W

CAPACITY (Wh)

1008

Life Cycle:	3500(85%)
USB Output:	USB-A*3: (30W) Max
USB-C Output:	PD&QC3.0*1: (60W) Max
Cigar lighter output:	12V=10A (120W Max)
AC Output:	220V-240V (50Hz) 100-120V (50Hz/60Hz))
AC Input:	500W Max
Solar /Car Charge:	12V-29V= 8A Max
weight:	14.35kg
Size:	358 x 247 x 216mm



BT2200

LiFePO4

POWER 2200W

Peak Power 4000W

CAPACITY (Wh)

1440/ 2160

Life Cycle:	3500(85%)	AC Output:	220V-240V (50Hz) 100-120V (50Hz/60Hz))
USB Output:	USB-A*2: 18W Max	AC Input:	1200W
USB-C Output:	PD&QC3.0*1: 30W Max PD&QC3.0*1: 100W Max	Solar /Car Charge:	12V-65V=20A Max
Cigar lighter output:	120W Max	weight:	19.4/ 23.9kg
		Size:	552 x 380 x 351mm



BT3600

LiFePO4

POWER 3600W

Peak Power 5000W

CAPACITY (Wh)

1440/ 2160

Life Cycle:	3500(85%)	AC Output:	220V-240V (50Hz) 100-120V (50Hz /60Hz))
USB-A Output:	18W Max*2	AC Input:	2800W
USB-C Output:	PD&QC3.0*1: 30W Max PD&QC3.0*1: 100W Max	Solar /Car Charge:	12V-100V=20A Max
Cigar lighter output:	120W Max	weight:	20.4/ 24.9kg
		Size:	552 x 380 x 351mm



PT2000
LiFePO4



POWER 2200W
Peak Power 4000W

CAPACITY (Wh)
5324

Life Cycle:	3500(85%)	AC Output:	220V-240V/50Hz
USB Output:	USB-A1*2: 12W MAX USB-A2*4: QC3.0(24W) MAX	Input power grid:	1200W
USB-C Output:	PD&QC3.0*2: 60W MAX	Solar /Car Charge:	12V-65V=20A
DC Output:	12V=10A*4	weight:	65kg
		Size:	445 x 278 x 622mm

PT3600
LiFePO4



POWER 3600W
Peak Power 5000W

CAPACITY (Wh)
2880/ 4992/ 5040

Life Cycle:	3500(85%)
USB-A Output:	QC3.0 24W MAX*2
USB-C Output:	PD&QC3.0: 30W MAX
AC Output:	220V-240V/50Hz 100-120V (50Hz /60Hz)
Input power grid:	2800W
Solar /Car Charge:	12V-100V 20A
weight:	55/ 66/ 67kg
Size:	445 x 278 x 622mm

DT5000
LiFePO4



POWER 3600W
Peak Power 5000W

CAPACITY (Wh)
2880/ 4992/ 5040

Life Cycle:	3500(85%)
USB-A Output:	*2: QC3.0 24W MAX
USB-C Output:	PD&QC3.0: 30W MAX
DC Output:	48V=75A
Input power grid:	1000W
Solar /Car Charge:	12V-100V=20A MAX
weight:	55/ 66/ 67kg
Size:	445 x 278 x 622mm

SOLAR PANELS

太阳能板



SP-100

FOLD SOLAR PANELS

POWER

100W

Conversion rate:	23%
Carging cord:	DC 5521
USB-A Output:	5V $\rightarrow$ 3A (MAX)
USB-A Output:	QC3.0 (18W)

USB-C Output	PD (45W)
Unfold size:	1315 x 535 x 6mm
Fold size:	660 x 535 x 38mm
weight:	4.5kg



ST-200

FOLD SOLAR PANELS

POWER

200W

Conversion rate:	23%
Carging cord:	MC4 Output:
Unfold size:	2435 x 535 x 6mm

Fold size:	655 x 535 x 50mm
weight:	7.5kg



ST-300

FOLD SOLAR PANELS

POWER

300W

Conversion rate:	23%
Carging cord:	MC4 Output:
Unfold size:	2080 x 910 x 20mm

Fold size:	910 x 710 x 25mm
weight:	11.8kg

ONE-STOP HOME SOLARENERGY STORAGE SOLUTION

一站式家用太阳能 储能解决方案



PRODUCT FEATURES



SEC
(Smart Energy Control)



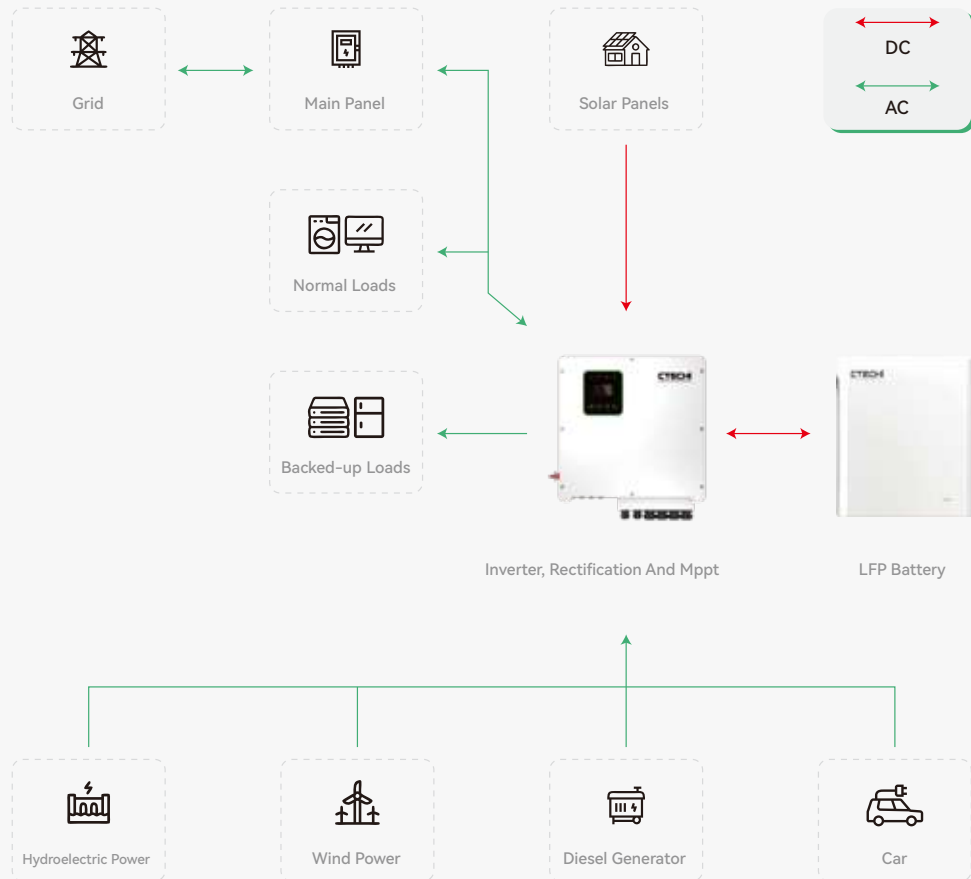
All Using
Lithium Iron Phosphate



Operation And Maintenance
Monitoring Platform

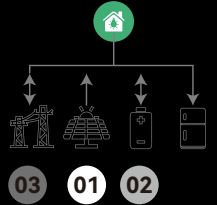
RESIDENTIAL ENERGY STORAGE SYSTEM SOLUTION

HYBRID SYSTEM



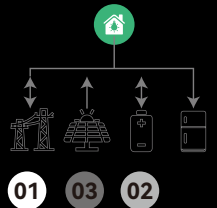
SOLAR PRIORITY MODE

In the solar priority mode, all power supply to the load is provided by solar energy. when the electricity generated by solar energy is enough to meet the user's load, solar energy supplies power to the load, and excess solar energy charges the battery pack. When the electricity generated by solar energy is not enough to meet the user's load, the battery pack will supply the power to the load. If the the battery level is less than 10%, the system will automatically switch to grid power to supply the load, and will activate grid power to charge the battery. At the same time, solar power will charge the battery until it is fully charged. After it is fully charged, the system will automatically switch to solar power and battery power to supply the load.



AC PRIORITY MODE

In AC (grid) priority mode, the power supply to the load is provided by the grid bypass input. when the battery is fully charged, AC(grid) only supply power to the user's load, When the battery level is severely low, AC (grid) not only supplies power to the user's load, but also starts to charge the battery, while solar energy charges the battery until it is fully charged. When AC (grid) power is cut off, the system will automatically switch to solar energy to supply power to the load.



SE PRIORITY MODE (STAGGER OF POWER CONSUMPTION)

In SE mode, users can set the SE time, during SE time, the power supply of the load is provided by the grid bypass input, while the grid charges the battery and the solar energy charges the battery until it is fully charged. Outside of SE time, the load is powered by solar energy. When the electricity generated by solar energy is not enough to meet the user's load, the battery pack supplies the power to the load. When the battery level is less than 10%, the system will automatically switch to grid power to supply the load, and will activate grid power to charge the battery. At the same time, solar power will charge the battery until it is fully charged. After it is fully charged, the system will automatically switch to solar power and battery power to supply the load.

WALL MOUNTED SERIES

- LARGE CAPACITY UP TO 80KWH
- ON-GRID OR OFF-GRID
- UNIQUE THERMAL MANAGEMENT
- SUPPORTS IP53 PROTECTION CUSTOMIZED

ITEMS

Model No	CT-2.4KWH	CT-5KWH	CT-10KWH
Voltage	48V	51.2V	51.2V
Capacity	50Ah	100Ah	200Ah
Energy	2.4KWH	5.12KWH	10240WH
Dimensions (LxWxH)	L340*W450*H150mm	649.7x450x133mm	L470*W840*H150mm
Weight	24Kg	50kg	80Kg
Life Cycles	5000 Cycles	5000 Cycles	5000 Cycles
Enclosure Protection Rating	IP53	IP53	IP53
Operation Voltage	37.5-54Vdc	40-57.6Vdc	40-57.6Vdc
Max.charging Voltage	56Vdc	58Vdc	58Vdc
Max.charging and Discharging Current	50A	100A	100A
Storage Time / Temperature	5 months @25°C; 3 months @35°C; 1 month @45°C		
Operation Temperature	-20°C to 60°C @60+/-25% Relative Humidity		
Storage Temperature	0°C to 45°C @60+/-25% Relative Humidity		

SPECIFICATIONS

● UP TO 16 PARALLEL

SUPPORT FOR CAN/R485
COMMUNICATION, ETC



ALL IN ONE WALL MOUNTED SERIES

- LARGE CAPACITY UP TO 80KWH
- FULL-INTEGRATED LifePO4 BATTERY SYSTEM
- UNIQUE THERMAL MANAGEMENT
- SUPPORTS IP53 PROTECTION CUSTOMIZED

ITEMS

Model No:

AC Output Rated Power:

AC Output Peak Power:

PV Max Input power:

Battery Voltage:

Battery Capacity:

Battery Energy:

Battery Working Voltage:

Protection Rating:

Life Cycles:

Dimension:

Weight:

SPECIFICATIONS

WT5KWL1-PK5.12K

5KW

10KW

5.5KW

51.2V

100Ah

5.12KWH

40-57.6Vdc

IP53

6000 Cycles

1199*515*150mm

65Kg

WT5KWL1-PK10.24K

5KW

10KW

5.5KW

51.2V

200Ah

10.24KWH

40-57.6Vdc

IP53

6000 Cycles

1390*515*150mm

105Kg

SUPPORT FOR CAN/R485
COMMUNICATION, ETC



STACKING SERIES

RESIDENTIAL ENERGY STORAGE SYSTEM

Standard cabinets, automatically based on internal intelligent programs.

Modular design, flexible for maintenance, installation and capacity extension.

- LARGE CAPACITY UP TO 160KWH
- UNIQUE THERMAL MANAGEMENT
- ON-GRID OR OFF-GRID



Moudle	CT-P7680	CT-P010K	CT-P013K	CT-P015K	CT-P018K	CT-P020K
Battery Moudle	3	4	5	6	7	8
Battery system capacity	14.4KWH	19.2KWH	24KWH	28.8KWH	33.6KWH	38.4KWH
Battery Chemitry	LFP					
Size(W/D/H)	442*520*650	442*520*820	442*520*998	442*520*1176	442*520*1354	442*520*1532
Weight	135KG	179KG	223KG	267KG	311KG	355KG
Single moudle DC Voltage	42~54V					
Warranty	10Years					
Operating temperature range	Discharge:-20~60°C, Charge:0~55°C					
Deep of discharge	95%					
Cycle life	5000 Cycles					
Max charging/discharging current	75A(0.5C)	100A(0.5C)	125A(0.5C)	150A(0.5C)	175A(0.5C)	200A(0.5C)

CABINET SERIES

RESIDENTIAL ENERGY STORAGE SOLUTION

Standard cabinets, automatically based on internal intelligent programs.

Modular design, flexible for maintenance, installation and capacity extension.

- APPLIED TO LARGE-SCALE INDUSTRY AND COMMERCE IN POWER SHORTAGE AREAS
- LARGE CAPACITY UP TO 160KWH
- UNIQUE THERMAL MANAGEMENT
- ON-GRID OR OFF-GRID

Battery Module Array		
Model	CT5KWL1-PK20K	CT5KWL1-PK30K
Energy	20.48KWH	30.72KWH
Nominal Voltage	51.2V	51.2V
Nominal Capacity	400Ah	600Ah
Working Voltage Range	40~57.6V	40~57.6V
Max. Chaging Current	200A	200A
Max. Discharging Current	200A	200A
Size (mm)	19in,32U Depth: 660mm	19in,32U
Weight (kg)	199	280
Parallel	4P	6P



Battery Module Unit				
Energy:	2.56KWH	5.12KWH	7.68KWH	10.24KWH
Nominal Voltage:	51.2V	51.2V	51.2V	51.2V
Nominal Capacity:	50Ah	100Ah	150Ah	200Ah
Working Voltage Range:	40~57.6V	40~57.6V	40~57.6V	40~57.6V
Max. Chaging Current:	100A	100A	100A/150A	100A/200A
Max. Discharging Current:	100A	100A	100A/150A	100A/200A
Size (mm):	3U	3U/4U	3U/4U	5U
Depth:	380mm	380mm	680mm	540mm
Weight (kg):	24	45	68	96
Series:	16S	16S	16S	16S

SINGLE-PHASE ESS HYBRID INVERTER

- Supports automatic battery switching;
- Support diesel generator input source;
- Compatible with lead-acid and lithium-ion batteries;
- Parallel available, intelligent BMS management;
- Input power source priority can be set by users;
- Battery reverse connection protection, anti-power control function;



• WH3KL1 • WH5KL1 • WH6KL1

THREE PHASE ESS HYBRID INVERTER

- Compatible with lead-acid and lithium-ion batteries;
- Support diesel generator input source;
- IP65 protection, low noise < 35dB;
- Battery reverse connection protection, anti-power control function
- Input power source priority can be set by users;
- Support full power discharge, automatic management of battery charge and discharge;



• WH8KL3 • WH10KL3 • WH12KL3

Residential Energy Storage Inverters						
Technical specification	WH3KL1	WH5KL1	WH6KL1	WH8KL3	WH10KL3	WH12KL3
Input (PV)						
Max.power(KW)	4.6	7	7	10.4	13	15.6
Max. DC voltage(V)		550			1,000	
MPPT voltage range(V)		125~500			180~850	
Max.input current of single MPPT(A)		14			12.5	
MPPT tracker/strings		2/1		2/1	2/1	2/1
AC output						
Rated output power(kVA)	3	5	6	8.8	11	13.2
Max. output current(A)	13	21.7	26	12.7	15.9	19.1
Grid voltage/range(V)		230/176~270			400/360~440	
Frequency (Hz)		50 /60			50 /60	
Power factor		0.8lagging-0.8leading			0.8lagging-0.8leading	
THDi		<3%			<3%	
AC output topology		L+N+PE			3W+N+PE	
Battery						
Battery voltage range(V)		40~58			125~600	
Max. charging voltage(V)		58			600	
Full battery voltage(V)	95/62.2	95/104.2	95/110	210	270	250
Max. charge/discharge current(A)				40	40	50
Battery type		lithium /Lead-acid			lithium /Lead-acid	
Communication Interface		CAN/RS485			CAN/RS485	
EPS output						
Rated power(kVA)	3	5	6	8.8	11	13.2
Rated output voltage(V)		230			400	
Max. output current(A)	13	21.7	26	12.7	15.9	19.1
Rated frequency(Hz)		50 /60			50 /60	
Automatic switching time(ms)		<20			<20	
THDu		<2%			<2%	
Overload capacity		110%, 30S/120%, 10S/150%, 0.02S			110%, 30S/120%, 10S/150%, 0.02S	
General data						
Battery charge /discharge efficiency		95.0%			96.6%	96.8%
DC Max. efficiency		97.6%			97.9%	98.2%
Europe efficienc		97.0%			97.2%	97.5%
MPPT efficiency		99.9%			99.5%	99.5%
Ingress protection		IP65			IP65	
Noise emission(dB)		<35			<35	
Operation temperature		- 25°C~ 60°C			-25°C~ 60°C	
Cooling		Natural			Natural	
Relative Humidity		0 ~95% (non-condensing)			0 ~95% (non-condensing)	
Altitude		2,000m(>2,000 Derating)			2,000m (>2,000 Derating)	
Dimensions W * D * H (mm)		550*200*515			530*200*600	
Weight(kg)		25			29	
Isolation transformer		No			No	
Self-consumption(W)		<3			<3	
Display and communication						
Display		LCD			LCD	
Interface:RS485/Wifi/4G/CAN/DRM		Yes/ Opt/ Opt/ Yes/ Yes			Yes/ Opt/ Opt/ Yes/ Yes	
Safety standard		IEC/EN62109-1/-2, IEC/EN62477-1			IEC/EN62109-1/-2, IEC/EN62477-1	
EMC		IEC/EN 61000-6-1, IEC/EN 61000-6-3			IEC/EN 61000-6-1, IEC/EN 61000-6-3	
On-grid		South Africa NRS097-2-1:2017, UK G98,G99			Europe: EN50549-1, Germany: VDE4105/0124, UK: G99, South Africa: NRS097-2-1:2017	



SERIES HIGH FREQUENCY INVERTER

- 450V high PV input
- Optional WIFI function
- Pure sine wave output, adaptable to different loads
- Higher solar charging efficiency and battery protection
- Working with or without battery
- Output power factor PF=1
- Parallel function to expansion power
- High frequency inverter, lighter weight with higher efficiency
- lithium battery activation start function with ac and solar mode

Series High Frequency Inverter Data Sheet

Input	Phase	L+N+PE		
	Nominal Voltage	208/220/230/240VAC		
	Voltage Range	154~264VAC±3V (Normal Mode) 185~264VAC±3V (UPS)		
	Frequency Range	50Hz/60Hz(Adaptive)		
Output	Rated Power	3000W	5000W	10000W
	Output Voltage(AC)	208/220/230/240VAC±5%		
	Output Frequency	50/60Hz±0.1%		
	Waveform	Pure sine wave		
	Transfer Time(Optional)	10ms for computer , 20ms for home appliances		
	Peak power	6000VA	10000VA	20000VA
	Overload	Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load		
	Peak efficiency (battery mode)	>94%	>94%	>94%
Battery	Rated voltage	24Vdc	48Vdc	48Vdc
	Constant voltage charging voltage	28.2Vdc	56.4Vdc	56.4Vdc
	Floating charge voltage (Optional)	27Vdc	54Vdc	54Vdc
charger	PV charging method	MPPT	MPPT	Double MPPT
	PV max input power	3500W	5500W	5500W*2PCS
	MPPT tracking range	120~430Vdc	120~430Vdc	120~450Vdc
	Max PV input voltage	450Vdc	450Vdc	450Vdc
	Max PV charging current	60A	120A	80A+80A
	Max AC charging current	60A	120A	80A+80A
	Max charging current	120A	120A	80A+80A
Display	LCD display	Operating mode/load/input/output, etc.		
Communication port	RS232	5PIN/Pitch2.0mm, baud rate 2400		
	Expansion & configuration port	2×5PIN/Pitch2.54mm, lithium battery BMS communication card, WIFI card, dry contact card, etc.		
	Parallel interface	No	Optional	No
Environmental parameters	Operating environment temperature	0~40℃		
	Operating environment humidity	20%~95% (Non condensing)		
	Storage temperature	-15~60℃		
	Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m, refer to IEC62040		
	noise	≤50db		
Certifications		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1		

Industrial and Commercial Energy Storage Systems

工商业储能以及集装箱储能





Industrial and Commercial Energy Storage Systems

Battery Capacity	100-186kWh
Max PCS Units	3
	30kW (400 Or 480Vac & 350-750Vdc)*n units (n=1,2,3)
AC Power Range	15kW (400 Or 480Vac & 150-350Vdc)*n units (n=1,2,3)
Max DCDC Units	3
PV Input Power	45kW *n units (n=1, 2, 3)
PV Input Voltage Range	200V-810V
Battery String VoltageRange	150-750Vdc
Switching Time	Active Switching: Seamless Passive Switching:30ms
Cooling	Forced air cooling for power electronics. 5kW Air-conditioned for battery system (preinstalled).
Ingress Protection	IP54
Max Elevation	3000m/10000feet (>3000m/10000feetderating)
Operating AmbientTemperature	30°C-55°C (Derate under 45°C)
Humidity	0-95% (Non-condensing)
Size(WxHxD)	W2100*D1200*H2350/W82.7*D47.2*H92.5in
Weight	750KG (W/O Battery)



Container Energy Storage System

Cell Type	3.2V 280Ah LFP Battery	
Cell Life	≥6000Time@100%DOD.80%EOL	
Capacity	623.616kWh	
Rated Voltage	626.4~846.8V	1039.36kWh
Rated Output Power	250kW	626.4~846.8V
AC Output Power	360A	500kW
Rated Grid Voltage	400V	720A
Grid Voltage Range	±15%	400V
Rated Grid Frequency	50Hz/60Hz	
Grid Frequency Range	±2.5Hz	
AC Off Grid Voltage	400V	
Container Size	6058 X2896X2438mm	9125X2896X2438mm
Humidity Range	0-95% (without condensation)	
Operating Temperature Range	30~60C (>40C derating)	
Converter Cooling Meth	Forced Air Cooling	
Temperature Control System	Industrial grade temperature controlled airconditioning	
Fire Protection System	FM200 fire protection system+water fire protection(optional)	

锂离子电池 Li-Ion Battery



馳譽與多家國內外著名品牌的零售商和代理商建立了長期穩定的合作關係，100%正品，質量有保證。其中包括松下、麥克賽爾、索尼、三星、LG、三菱、FDK、東芝、村田、精工等著名品牌。

扣式電池 Button Battery

	型号	标称电压	标称容量		型号	标称电压	标称容量		型号	标称电压	标称容量		型号	标称电压	标称容量
	Model	Nominal Voltage	Nominal Capacity		Model	Nominal Voltage	Nominal Capacity		Model	Nominal Voltage	Nominal Capacity		Model	Nominal Voltage	Nominal Capacity
		2V	mAh			2V	mAh			2V	mAh			2V	mAh
松下 Panasonic	CR1625	3	30	松下 Panasonic	BR2330	3	255	索尼 Maxell	CR2025	3	30	村田 muRata	CR2025	3	180
	CR1216	3	25		BR1302	3	500		CR1220	3	36		CR2032	3	220
	CR1220	3	35		VL621	3	15		CR1634	3	55		CR2430	3	300
	CR1612	3	40		VL1228	3	7		CR1630	3	80		CR2450	3	610
	CR1614	3	55		VL3030	3	20		CR1634	3	55		CR2477	3	1000
	CR1830	3	75		VL3330	3	30		CR1830	3	80		CR2477W	3	1000
	CR1632	3	140		VL3140 MH	3	50		CR1832	3	140		CR2606W	3	485
	CR2012	3	55		VL3826	3	100		CR2034	3	90		CR2632W	3	210
	CR2018	3	90		ML520	3	13		CR2034	3	170		CR2450W	3	550
	CR2025	3	165		ML120	3	17		CR2032	3	220		MS1840	3	9.4
	CR3012	3	250		CR2032A	3	210		CR2032H	3	240		MS121E	3	5.5
	CR3140	3	365		CR2032B	3	210		CR2032WR	3	300		MS1826A	3	11
CR2354	3	560	CR2030A	3	145	CR2430	3	290	CR1220	3	36				
CR3042	3	300	CR2030B	3	145	CR2450	3	610	CR1620	3	40				
CR2450	3	630	CR2450A	3	560	CR2040HR	3	350	CR1018	3	90				
CR2477	3	1000	BR1200A	3	15	CR2450HR-EX	3	525	CR2025	3	170				
CR1610	3	500	BR1225A	3	48	CR1216	3	30	CR2032	3	280				
BR1220	3	35	BR1632A	3	130	CR1220	3	40	ML614	3	3.4				
BR1225	3	48	BR1032A	3	200	CR1634	3	60	ML621	3	5.8				
BR1632	3	130	BR1230A	3	255	CR1630	3	80	ML1209	3	15				
BR2032	3	200	ML1016	3	25	CR1632	3	140	ML2014	3	30				
BR1225	3	185	ML2032	3	60	CR2634	3	90	ML3430	3	130				

型号 Model		标称容量 Nominal Capacity	最大放电电流 Max. Discharge Current	
		(mAh)	(A)	
容量型 Engery Type	Panasonic 松下	NCR18500	2000	3.800
		NCR18650 A	2040	4.080
		NCR18650 A	3100	4.425
		NCR18650 B	3350	4.875
		NCR18650 BE	3180	3.636
		NCR18650 BF	3350	4.875
		NCR18650 BJ	3350	4.875
		NCR18650 BL	3350	7.000
		NCR18650 F	2900	5.8(LTO)
		NCR18650 G	3350	4.800
		NCA103450	2350	2.300
		UR14430P	700	1.400
		UR14500P	840	1.680
		UR14650P	940	1.880
		UR16650ZT	2200	2.200
		UR16650ZTA	2500	2.500
		UR18500 F	1700	3.400
		UR18500 FM	2600	5.000
		UR18500 Y	1400	2.800
		UR18650 A (AA)	2150	2.500
		UR18650 E	2150	6.450
		UR18650 FA	2350	8.000
		UR18650 F	2200	4.200
		UR18650 FM	2500	5.000
		UR18650 U	1200	2.400
		UR18650 Y	2000	4.000
		UR18650 ZT	2800	5.600
		UR18650 ZTA	3000	6.000
		UR18650 ZY	2600	2.600
		UF103450 P-B	2000	3.700
		UF103450 P-N	1900	3.600
		UF553450Z	1150	2.300
	UF463450 F	960	1.800	
	LG	18650 B4	2600	5.200
		18650 C2	2800	5.600
		18650 C4	2850	5.700
		18650 D1	3000	6.000
		18650 D2	3000	6.000
		18650 E1	3200	4.800
		18650 F1L	3350	5.000
		18650 S3	2200	4.400
		18650 22F	2200	4.400
18650 22FM		2200	4.400	
Samsung 三星	18650 22HM	2200	4.400	
	18650 25F	2600	5.200	
	18650 25FM	2600	5.200	
	18650 25HM	2600	5.200	
	18650 25JM	2600	5.200	
	18650 28A	2800	5.900	
	18650 30A	2950	5.900	
	18650 30B	2950	5.900	
	18650 32A	3200	6.400	
	功率型 Power Type	Panasonic	NCR18650 BD	3200
NCR18650 GA			3450	10.0
NCR18650 PF			2900	10.0

型号 Model		标称容量 Nominal Capacity	最大放电电流 Max. Discharge Current	
		(mAh)	(A)	
功率型 Power Type	Panasonic 松下	NCR18650 PF	2900	10.0
		UR14650 R	1050	10.0
		UR18650 AA	2250	5.0
		UR18650 RX	2050	20.0
		UR18650 S	1250	15.0
		UR18650 SA	1300	18.0
		UR18650 SAX	1350	20.0
		UR18650 NSX	2600	20.0
		UR18650 W	1600	10.0
		UR18650 WX	1600	25.0
		NCR20700A	3300	30
		NCR20700B	4250	15
	LG	18650 HA1	1300	20.0
		18650 HA3	1300	20.0
		18650 HA4	1300	25.0
		18650 HB2	1500	30.0
		18650 HB3	1500	20.0
		18650 HB4	1500	30.0
		18650 HB5	1500	15.0
		18650 HD1	2000	15.0
		18650 HD2	2000	22.0
		18650 HD2C	2100	20.0
		18650 HE2	2500	20.0
		18650 HE4	2500	20.0
		18650 HG2	3000	20.0
		18650 M26	2600	10.0
		18650 MF1	2150	10.0
		18650 MF2	2200	10.0
		18650 MG1	2850	10.0
		18650 MH1	3200	10.0
	21700 M50	5000	10.0	
	Samsung 三星	18650 MU1	3500	10.0
		18650 13Q	1300	30.0
		18650 15K	1500	15.0
		18650 15L	1500	18.0
		18650 15M	1500	25.0
		18650 20Q	2000	15.0
		18650 20R	2000	20.0
		18650 22P	2150	10.0
		18650 22PM	2150	10.0
18650 25R		2500	20.0	
18650 29E		2850	8.2	
18650 30Q		3000	15.0	
18650 32E		3200	10.0	
21700 30T		3000	35.0	
21700 40T		4000	35.0	
21700 48G		4800	35.0	
村田 muRata		21700 50E	5000	10
		US18650 V3	2250	10.0
	US18650 VC3	2250	20.0	
	US18650 VTC3	1600	30.0	
	US18650 VTC4	2100	30.0	
	US18650 VTC5	2600	30	
	US18650 VTC5A	2600	35	
	US18650 VTC6	3000	30.0	
	US18650 NC1	2900	10.0	

锂离子电池 Li-Ion Battery

型号 Model		标称容量 Nominal Capacity	最大放电电流 Max. Discharge Current
		(mAh)	(A)
容量型 Energy Type	Panasonic 松下	NCR18500	2000
		NCR18650 A	3040
		NCR18650 A	3100
		NCR18650 B	3350
		NCR18650 BE	3180
		NCR18650 BF	3350
		NCR18650 BJ	3350
		NCR18650 BL	3350
		NCR18650 F	2900
		NCR18650 G	3350
		NCA103450	2350
		UR14430P	700
		UR14500P	840
		UR14650P	940
		UR16650ZT	2200
		UR16650ZTA	2500
		UR18500 F	1700
		UR18500 FM	2600
		UR18500 Y	1400
		UR18650 A (AA)	2150
		UR18650 E	2150
		UR18650 EA	2350
		UR18650 F	2200
		UR18650 FM	2500
		UR18650 U	1200
		UR18650 Y	2000
		UR18650 ZT	2800
		UR18650 ZTA	3000
		UR18650 ZY	2600
		UF103450 P-B	2000
		UF103450 P-N	1900
		UF553450Z	1150
		UF463450 F	960
	LG	18650 B4	2600
		18650 C2	2800
		18650 C4	2850
		18650 D1	3000
		18650 D2	3000
		18650 E1	3200
		18650 F1L	3350
		18650 S3	2200
		18650 22F	2200
		18650 22FM	2200
	Samsung 三星	18650 22HM	2200
		18650 26F	2600
		18650 26FM	2600
		18650 26HM	2600
		18650 26HM	2600
		18650 26HM	2600
		18650 28A	2800
		18650 30A	2950
		18650 30B	2950
		18650 32A	3200
功率型 Power Type	Panasonic	NCR18650 BD	3200
		NCR18650 GA	3450
		NCR18650 PF	2900
		NCR18650 PF	2900

型号 Model		标称容量 Nominal Capacity	最大放电电流 Max. Discharge Current
		(mAh)	(A)
功率型 Power Type	Panasonic 松下	NCR18650 PF	2900
		UR14650 R	1050
		UR18650 AA	2250
		UR18650 RX	2050
		UR18650 S	1250
		UR18650 SA	1300
		UR18650 SAX	1350
		UR18650 NSX	2600
		UR18650 W	1600
		UR18650 WX	1600
		NCR20700A	3300
		NCR20700B	4250
	LG	18650 HA1	1300
		18650 HA3	1300
		18650 HA4	1300
		18650 HB2	1500
		18650 HB3	1500
		18650 HB4	1500
		18650 HB5	1500
		18650 HD1	2000
		18650 HD2	2000
		18650 HD2C	2100
	Samsung 三星	18650 HE2	2500
		18650 HE4	2500
		18650 HG2	3000
		18650 M26	2600
		18650 MF1	2150
		18650 MF2	2200
		18650 MG1	2850
		18650 MH1	3200
		21700 M50	5000
		18650 MJ1	3500
	村田 muRata	18650 13Q	1300
		18650 15K	1500
		18650 15L	1500
		18650 15M	1500
		18650 20Q	2000
		18650 20R	2000
		18650 22P	2150
		18650 22PM	2150
		18650 25R	2500
		18650 29E	2850
	US18650 V3	18650 30Q	3000
		18650 32E	3200
		21700 30T	3000
		21700 40T	4000
		21700 48G	4800
		21700 50E	5000
		US18650 VC3	2250
		US18650 VTC3	2250
		US18650 VTC4	2100
		US18650 VTC5	2600
		US18650 VTC6	3000
		US18650 NC1	2900

3V一次性锂电池 3V Lithium Primary Battery

主要特征 3V标称电压，是普通干电池的两倍。放电电压稳定持久。低放电率少于2%。使用寿命长。良好的快速脉冲放电性质。温度范围广-40至+125摄氏度。

Main Features 3V nominal voltage, double that of conventional dry battery. Stable, reliable discharge voltage, excellent storage characteristics, low self discharge rate of less than 2 percent, long shelf life, excellent fast pulse discharge characteristics, wide operating temperature range from -40°C to +125°C.

应用领域 电脑主板、汽车报警器、轮胎测试计、掌上电脑、工控主板、计算器、手表、鞋灯、电子温度计、电子玩具、手电筒、税控机、医疗仪器、小型电子礼品、蓝牙无线产品、多功能无线遥控器、PDA、MP3、电子锁、卡片式收音机、IC卡、智能家电、数码相机、手提电话等设备。

Application Computer mainboards, car alarm, tire tester, industrial motherboards, calculators, watches, shoe lights, electronic thermometer, electronic toys, flashlight, fiscal processor, medical instrument, small electronic gifts, bluetooth wireless products, multi-function wireless remote control, PDA, MP3, electronic key, card type radio, IC card, smart appliances, digital cameras, mobile phones and other devices.

二氧化锰扣式电池 Lithium Manganese Dioxide Button Cell

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight	工作温度 Operating Temperature
	直径 Diameter	高度 Height				
(mm)			(V)	(mAh)	(g)	(°C)
CR927	9.5	2.7	3.0	30	0.60	-20 ~ +60
CR1025	10.0	2.5	3.0	30	0.60	-20 ~ +60
CR1130	11.6	3.0	3.0	42	0.60	-20 ~ +60
CR1216	12.5	1.6	3.0	25	0.70	-20 ~ +60
CR1220	12.5	2.0	3.0	40	0.85	-20 ~ +60
CR1225	12.5	2.5	3.0	48	1.30	-20 ~ +60
CR1616	16.0	1.6	3.0	50	1.20	-20 ~ +60
CR1620	16.0	2.0	3.0	70	1.20	-20 ~ +60
CR1632	16.0	3.2	3.0	125	1.60	-20 ~ +60
CR2016	20.0	1.6	3.0	80	1.80	-20 ~ +60
CR2025	20.0	2.5	3.0	150	2.40	-20 ~ +60
CR2030	20.0	3.0	3.0	190	2.80	-20 ~ +60
CR2032	20.0	3.2	3.0	210	3.00	-20 ~ +60
CR2050	20.0	5.0	3.0	300	4.20	-20 ~ +60
CR2320	23.0	2.0	3.0	175	3.00	-20 ~ +60
CR2325	23.0	2.5	3.0	210	3.30	-20 ~ +60
CR2330	23.0	3.0	3.0	250	4.00	-20 ~ +60
CR2335	23.0	3.5	3.0	300	4.10	-20 ~ +60
CR2354	23.0	5.4	3.0	490	6.00	-20 ~ +60
CR2412	24.0	1.2	3.0	160	2.30	-20 ~ +60
CR2430	24.5	3.0	3.0	300	4.50	-20 ~ +60
CR2450	24.5	5.0	3.0	560	6.50	-20 ~ +60
CR2477	24.5	7.7	3.0	950	8.50	-20 ~ +60
CR3032	30.0	3.2	3.0	580	8.00	-20 ~ +60
CR2032HR	20.0	3.2	3.0	220	3.20	-40 ~ +125
CR2050HR	20.0	5.0	3.0	355	4.10	-40 ~ +125
CR2450HR	24.5	5.0	3.0	560	6.50	-40 ~ +125



CR Li-MnO₂柱式电池 CR Li-MnO₂ Cylindrical Battery



型号 Model		尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight	工作温度 Operating Temperature	
		直径 Diameter	高 Height					
GB	IEC	(mm)		(V)	(mAh)	(g)	(°C)	
CR9V		27	18	49	9	800	32	-40 ~ +85
CR10450	AAA	10.5	45.5	3	600	10	-40 ~ +85	
CR11108	1/3N	11.6	10.8	3	170	3.5	-40 ~ +85	
2CR11108	2CR1/3N	11.9	22.0	6	170	7	-40 ~ +85	
CR14250	1/2AA	14.5	25.0	3	600	10	-40 ~ +85	
CR14250 SE	1/2AA	14.5	20.0	3	900	11	-40 ~ +85	
CR14335	2/3AA	14.5	33.5	3	950	14	-40 ~ +85	
CR14335 SE	2/3AA	14.5	33.5	3	1100	16	-40 ~ +85	
CR14505	AA	14.5	50.5	3	1500	21	-40 ~ +85	
CR15270	CR2	15.0	27.0	3	800	13	-40 ~ +85	
CR17250	1/2A	17.0	25.0	3	700	12	-40 ~ +85	
CR123A	2/3A	17.0	34.5	3	1500	20	-40 ~ +85	
CR17335 SE		17.0	33.5	3	1800	22	-40 ~ +85	
CR17450	4/5A	17.0	45.0	3	2100	26	-40 ~ +85	
CR17450 SE	4/5A	17.0	45.0	3	2400	28	-40 ~ +85	
CR17505	A	17.0	50.5	3	2500	30	-40 ~ +85	
CR18505	A	18.5	50.5	3	3000	35	-40 ~ +85	
CR26500	C	26.2	50.0	3	6000	63	-40 ~ +85	
CR34615	D	34.2	61.5	3	12000	125	-40 ~ +85	
CR341245	DD	34.2	124.5	3	22000	270	-40 ~ +85	
CR-P2		36	19.5	35	1500	42	-40 ~ +85	
CRZ		15.5	27	3	850	13	-40 ~ +85	

CR Li-MnO₂方形电池 CR Li-MnO₂ Prismatic Battery



型号 Model	尺寸 Dimensions			标称电压 Nominal Voltage	标称容量 Nominal capacity	参考重量 Approx. Weight
	厚度 Thickness	宽度 Width	长度 Length			
	(mm)			(V)	(mAh)	(g)
CP042622	0.45	29	22	3	15	0.4
CP042345	0.45	23	45	3	30	0.8
CP104848	1.2	49	49	3	350	3.8
CP142828	1.5	29	29	3	100	1.5
CP153030	1.6	31	31	3	120	1.8
CP155050	1.6	51	51	3	650	6
CP2012120	2	12	125	3	400	5.5
CP202850	2.2	28.5	50	3	340	3.6
CP224035	2.4	41	35	3	580	4.8
CP223045	2.4	31	46	3	480	4.2
CP224347	2.3	45	49	3	800	7
CP265045	2.8	51	46	3	1290	9
CP264558	2.8	46	59	3	1250	9.5
CP306050	3.2	51	51	3	1660	12.5
CP401720	4.2	18	21	3	220	2
CP401522	4.2	20	23	3	300	2.6
CP405050	4.2	51	51	3	5400	17
CP451728	4.5	18	29	3	380	3.2
CP501525	5.2	26	26	3	600	4.5
CP502440	5.2	25	42	3	1290	8.5
CP503742	5.2	38	43	3	1590	13
CP504644	5.2	47	45	3	2500	17
CP505050	5.2	51	51	3	3000	22
CP602626	6.2	21	27	3	550	4.5
CP701725	7.2	18	26	3	520	4.5
CP783970	7.8	39	70	3	5500	36.5
CP7810109	7.8	39	109	3	10000	63
CP802060	8	20	60	3	2100	15.5
CP952434	9.7	25	35	3	1790	11.5
CP1003742	10.2	38	43	3	3990	26
CP9V	17.5	26.5	48.8	9	1290	30

微型薄膜电池 Primary Ultrathin Battery

主要特征 微型薄膜电池，标称电压3V，厚度薄至0.4mm，工作温度-20℃至60℃，比容量高，自放电率低，寿命长，标准放电电流0.01C，最大持续电流0.2C，安全环保，完全符合RoHS电池指令。

Main Features Micro film battery, Nominal Voltage: 3V, 0.4mm thickness, operating temperature range: -20℃ to +60℃. High Specific Capacity, Low self-discharge rate, Long shelf life. Standard discharge current: 0.01C, Maximum continuous discharge current: 0.2C. Environment Friendly, RoHS Compliance.

主要特征 传感器，医疗设备，智能卡，有源电子标签，和可穿戴等设备。

Application RFID, Sensors, Medical Devices, Power Cards, Wearable Devices and so on.



型号 Model	尺寸 Dimensions			标称电压 Nominal Voltage	标称容量 Nominal capacity	参考重量 Approx. Weight
	厚度 Thickness	宽度 Width	长度 Length			
		(mm)		(V)	(mAh)	(g)
CP041817	0.4	17.5	16.5	3	5	0.2
CP042039	0.4	20	39	3	25	0.5
CP042323	0.4	22.5	22.5	3	13	0.3
CP042345	0.4	23	45	3	35	0.9
CP042529	0.4	25	29	3	22	0.6
CP041923	0.4	18.5	22.5	3	10	0.2
CP042722	0.4	27	22	3	15	0.5
CP042922	0.4	29	22	3	15	0.5
CP044040	0.4	40	40	3	50	1.3
CP044560	0.4	45	60	3	100	2.3
CP045050	0.4	50	50	3	98	2
CP042550	0.4	24.5	49.5	3	40	0.9
CP044848	0.4	47.5	47.5	3	88	1.9
CP044750	0.4	46.5	49.5	3	90	1.9
CP042922	0.4	28.5	22	3	18	0.4
CP042525	0.4	25	25	3	18	0.4
CP052039	0.5	20	39	3	25	0.7
CP052722	0.5	27	22	3	22	0.6
CP053050	0.5	30	50	3	80	1.4
CP052323	0.5	22.5	22.5	3	20	0.4
CP051923	0.5	18.5	22.5	3	15	0.3
CP055050	0.5	50	50	3	155	2.2
CP052345	0.5	23	45	3	55	0.9
CP052550	0.5	24.5	49.5	3	60	1
CP054848	0.5	47.5	47.5	3	128	2.1
CP054750	0.5	46.5	49.5	3	140	2.1
CP052722	0.5	27	22	3	25	0.4
CP052922	0.5	28.5	22	3	28	0.5
CP052525	0.5	25	25	3	28	0.5
CP052039	0.5	20	39	3	35	0.6
CP051817	0.5	17.5	16.5	3	8	0.3
CP0612120	0.55	11.5	119.5	3	58	1.3
CP061010	0.55	9.5	9.5	3	1	0.1
CP061020	0.55	9.5	19.5	3	5	0.2
CP061020	0.65	9.5	19.5	3	8	0.3
CP064248	0.6	42	48	3	200	2.2
CP064848	0.55	47.5	47.5	3	180	2.6
CP064750	0.55	46.5	49.5	3	180	2.6

锂亚电池 Lithium Thionyl Chloride Battery

主要特征 高而稳定的工作电压：标准电压3.6V，且工作电压在整个使用寿命期间都保持明显的平稳性。被包式结构适合小电流放电，卷绕式结构适合大电流放电。温度使用范围广：可在-60℃至85℃的温度之间使用，经过特殊设计的锂亚电池，其工作温度可以延伸到高达+125℃，甚至+200℃。高能量密度、较好的储存寿命和可靠性。具有特别低的自放电的特性，年自放电率≤1%，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，因此该电池的保质期经证实室温条件下可储存10年以上。安全性好及良好的密封性能，无污染，不含有汞、镉、铅等重金属，无环境危害。已贯彻欧盟“ROHS”指令，产品均已通过“SGS”“CE”认证，完全符合欧洲地区客户对电池的环保要求。

Main Features Lithium thionyl chloride have a metallic lithium carbon (the lightest of all the metals) and a liquid cathode comprising a porous anode current collector filled with thionyl chloride(SOC12). They deliver a voltage of 3.6V and are cylindrical in shape, in AAA to D format, with spiral electrodes for power applications and bobbin construction for prolonged discharge. Lithium thionyl chloride are the primary battery currently with the highest voltage and energy, longest storage, and the least self-discharge rate. This kind of batteries are ideal for long-term applications as power for electric devices and electric power, water, heat and gas meters, and especially as backup power source for memory ICS.



运用领域 航空仪器、全球定位收发机、声纳干扰器、无线电信标、传感设备、搜索救援设备、灯塔、浮标、航海电子、雷用系统、ETC(不停车收费系统)、车辆黑匣子、电动工具、报警器、夜视仪、摄像机、医疗仪器、智能电表、水表、热量表、燃气管、石油勘探井下装置、矿灯等。被作为一种新型能源系统广泛应用于许多现代电子设备。

Application AMR utility metering (Electricity, Gas, Water, Heat meter), Alarms and security wireless devices, Mobile asset tracking, GPS Tracking, RFID, Emergency location transmitters beacons (ELTs, EPIRBs), Professional electronics, Sonobuoys,

锂硫酰氯电池 Li-SO2CL2 Battery

类型 Type	型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	终止电压 Termination Voltage	标称容量 Nominal Capacity	最大持续放电电流 Max. Discharge Continuous	重量 Approx. Weight	
		直径 Diameter	高 Height						
	CT	IEC	(mm)		(V)	(V)	(mAh)	(mA)	(g)
容量型 Bobbin Type	DX10280		10.5	28	3.9	2	450	20	5
	DX10450	AAA	10.5	45.5	3.9	2	700	30	9.5
	DX14250	1/2AA	14.5	25.4	3.9	2	1100	60	11
	DX14505	AA	14.5	50.5	3.9	2	2400	100	19
	DX18505	A	18.5	50.5	3.9	2	3800	160	32
	DX26500	C	26.2	50	3.9	2	8100	220	55
	DX34615	D	34	61.5	3.9	2	16600	300	107
功率型 Spiral Type	DX14250M	1/2AA	14.5	25.5	3.9	2	750	150	11
	DX14505M	AA	14.5	50.5	3.9	2	2000	400	19
	DX18505M	A	18.5	50.5	3.9	2	3200	1000	32
	DX26500M	C	26.2	50	3.9	2	6000	1500	55
	DX34615M	D	34	61.5	3.9	2	13500	2000	110

锂亚硫酰氯电池 Li-SOCl2 Battery

类型 Type	型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	截止电压 Termination Voltage	标称容量 Nominal Capacity	最大持续放电电流 Max Discharge Continuous	重量 Weight	工作温度 Operating Temperature	
		直径 Diameter	高 Height							
		(mm)	(mm)	(V)	(V)	(mAh)	(mA)	(g)	(°C)	
容量型 Bobbin Type	ER10280	10.5	28	3.6	2	500	10	5	-55 ~ +85	
	ER10450	AAA	10.5	45.5	3.6	2	800	15	9.5	-55 ~ +85
	ER14250	1/2 AA	14.5	25.4	3.6	2	1200	25	11	-55 ~ +85
	ER14335	2/3AA	14.5	33.5	3.6	2	1650	40	13	-55 ~ +85
	ER14505	AA	14.5	50.5	3.6	2	2700	65	19	-55 ~ +85
	ER17335	2/3A	17	33.5	3.6	2	2200	100	19	-55 ~ +85
	ER17505		17	50.5	3.6	2	3500	100	28	-55 ~ +85
	ER18505	A	18.5	50.5	3.6	2	4000	130	32	-55 ~ +85
	ER26500	C	26.2	50	3.6	2	9000	180	55	-55 ~ +85
	ER261020	CC	26.2	102	3.6	2	17000	200	100	-55 ~ +85
	ER34615	D	34	61.5	3.6	2	19000	230	107	-55 ~ +85
	ER341245	DD	34	124.5	3.6	2	35000	400	220	-55 ~ +85
中功率 High Current	ER9V	17x26.5x18.8		10.8	6	1200	25	34	-55 ~ +85	
	ER14250HC	1/2 AA	14.5	25.4	3.6	2	1200	50	11	-55 ~ +85
	ER14335HC	2/3AA	14.5	33.5	3.6	2	1650	80	13	-55 ~ +85
	ER14505HC	AA	14.5	50.5	3.6	2	2700	100	19	-55 ~ +85
	ER17335HC	2/3A	17	33.5	3.6	2	2200	150	19	-55 ~ +85
	ER17505HC		17	50.5	3.6	2	3500	150	28	-55 ~ +85
	ER18505HC	A	18.5	50.5	3.6	2	4000	150	32	-55 ~ +85
	ER26500HC	C	26.2	50	3.6	2	9000	300	55	-55 ~ +85
	ER34615HC	D	34	61.5	3.6	2	19000	460	107	-55 ~ +85
功率型 Spiral Type	ER14250M	1/2 AA	14.5	25.5	3.6	2	800	100	11	-55 ~ +85
	ER14335M	2/3AA	14.5	33.5	3.6	2	1300	200	15	-55 ~ +85
	ER14505M	AA	14.5	50.5	3.6	2	2200	400	19	-55 ~ +85
	ER17335M	2/3A	17	33.5	3.6	2	1900	400	19	-55 ~ +85
	ER18505M	A	18.5	50.5	3.6	2	3500	1000	32	-55 ~ +85
	ER26500M	C	26.2	50	3.6	2	6500	1500	55	-55 ~ +85
	ER34615M	D	34	61.5	3.6	2	14500	2000	110	-55 ~ +85
高温型 High Temperature Type	ER14250S	1/2AA	14.4	25	3.6	2	550	50	10	-40 ~ +125
	ER14505S	AA	14.4	50	3.6	2	1600	100	19	-40 ~ +125
	ER18505S	A	18.5	50.5	3.6	2	3200	200	32	-40 ~ +125
	ER26500S	C	26.2	50.5	3.6	2	4100	100	55	-40 ~ +125
	ER34615S	D	34.2	61.5	3.6	2	10500	200	107	-40 ~ +125

TPMS电池（专用）TPMS Battery (Special Use)

型号 Model		尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight	工作温度 Operating Temperature
		直径 Diameter	高 Height				
GT	16C	(mm)		(V)	(mAh)	(g)	(°C)
ER14250T	1/2AA	14.5	25.4	3.6	1000	10	-55 ~ +125
ER2450T		24.5	6.2	3.6	400	9	-55 ~ +125
ER32165T	1/10D	14.5	25.4	3.6	1000	19	-55 ~ +125
ER321100	1/6D	32.9	10.5	3.6	1700	24	-55 ~ +125
ER651615		7x16.8x15.8		3.6	400	5	-55 ~ +125
ER651625		6.73x16.5x25.4		3.6	750	8	-55 ~ +125

ER电池与SPC电容组合数据参考 ER Battery Combining SPC Packs Data Reference

型号 Model	标称电压 Nominal Voltage	标称容量 Nominal Capacity	最大脉冲电流 Max pulse current capability	尺寸 Dimension	
				直径 Diameter	高 Height
	(V)	(mAh)	(mA)	(mm)	
ER14250+SPC1520	3.6	1200	1000	16.5	75
ER26500+SPC1520	3.6	8500	1000	29	67
ER34615+SPC1520	3.6	19000	1000	34	78
ER14250+SPC1550	3.6	1200	3000	55x32x16	
ER26500+SPC1550	3.6	8500	3000	55x44x28	
ER34615+SPC1550	3.6	19000	3000	64x55x35	

锂离子电池 Lithium ion Battery

主要特征 良好的充放电特征、自放电率低、无记忆特征、良好的安全性能、适用的温度范围广-40至+85度、体积小，输出功率高

Main Features Excellent charge and discharge cycle characteristics, low self discharge rate, no memory effect, excellent safety characteristics, wide temperature range from -40°C to +85°C, small volume and high output power.

应用领域 无线DV摄影机、扫码机、强光手电、蓝牙音响、灯具、手机、笔记本电脑、电动工具、电动车、路灯备用电源、航灯、家用小电器、电动牙刷、扫地机器人、平衡车、扭扭车、电动自行车、手持云台、电子烟、航拍器、汽车点火装置等。

Application Wireless DV Camera, scan code machine, flashlight, bluetooth, lamp, mobile phones, laptops, electric tools, electric car, street lamp standby power, navigation lights, small household electrical appliances, the balance of the car, crooker car, electric shavers, electric bicycle, freely movi, electric cigarette, aerial device, auto ignition device etc.



锂离子纽扣电池 Li-Ion Button Battery



型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
LIR1220	12.0	2.0	3.6	8	1
LIR1254	12.0	5.4	3.6	40	2
LIR1620	16.0	2.0	3.6	15	1
LIR1632	16.0	3.2	3.6	25	2
LIR1654	16.0	5.4	3.7	60	3
LIR2016	20.0	1.6	3.6	18	2
LIR2025	20.0	2.5	3.6	25	2
LIR2032	20.0	3.2	3.6	40	3
LIR2430	24.0	3.0	3.6	60	4
LIR2450	24.0	5.0	3.6	110	5
LIR2477	24.0	7.7	3.6	200	7
LIR3048	30.0	4.8	3.6	270	8

锂离子柱式电池 Li-Ion Cylindrical Battery



型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity
	直径 Diameter	高 Height		
	(mm)		(V)	(mAh)
10150	10	15	3.7	80
10440	10	44	3.7	320
10840	10	84	3.7	600
13450	13	45	3.7	550
14200	14	20	3.7	150
14280	14	28	3.7	280 / 320
14430	14	43	3.7	550 / 600 / 650
14500	14	50	3.7	500 / 600 / 650 / 700 / 800
14650	14	65	3.7	500 / 1000 / 1100 / 1200
16280	16	28	3.7	550
16310	16	31	3.7	600 / 650
16340	16	34	3.7	600 / 700
16500	16	50	3.7	800 / 1000 / 1200
16650	16	65	3.7	1800
18350	18	35	3.7	700 / 750
18500	18	50	3.7	1100 / 1200 / 1400 / 1500 / 1600 / 1900
18620	18	62	3.7	2000
18650	18	65	3.7	1300 / 1500 / 1800 / 2000 / 2200 / 2400 / 2600
21700	21	70	3.7	4200
22650	22	65	3.7	2000 / 3000
26350	26	35	3.7	2000
26500	26	50	3.7	2000 / 3200
26650	26	65	3.7	3400 / 4200 / 4500 / 5000
32650	32	65	3.7	6500

锂离子柱式电池-宽温 Li-Ion Cylindrical Battery(Wide-range Temperature)

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	工作温度 Operating Temperature
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(°C)
14200	14.2	20	3.7	200	-40 ~ +85
14250	14.2	25	3.7	250	-40 ~ +85
14500	14.2	50.2	3.7	600	-40 ~ +85
18650	18.3	65.2	3.7	2000	-40 ~ +85

锂离子柱式电池-倍率 Li-Ion Cylindrical Battery(Multiplier)

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	最大放电电流 Max. Discharge Current
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(A)
14500	14	50	3.7	650	1.0
14650	14	65	3.7	900	1.0
16500	16	50	3.7	800	1.0
18150	18	35	3.7	700	1.0
18500	18	50	3.7	1100	1.0
18650	18	65	3.7	1300	1.0
18650	18	65	3.7	1500	5
18650	18	65	3.7	1500	10
18650	18	65	3.7	1900	5
18650	18	65	3.7	2000	10
18650	18	85	3.7	2200	5
18650	18	65	3.7	2200	10
18650	18	65	3.7	2500	5
21700	21	70	3.7	3000	1.0
21700	21	70	3.7	4000	5
22430	22	43	3.7	1200	5
22650	22	65	3.7	2000	1.0
26150	26	35	3.7	1900	5
26500	26	50	3.7	2000	1.0
26650	26	65	3.7	3400	1.0
26650	26	65	3.7	4200	5

锂离子方形铝壳电池 Li-Ion Square Aluminum Battery



型号 Model	尺寸 Dimension			标称电压 Nominal Voltage	标称容量 Nominal Capacity
	长 Length	宽 Width	厚 Thickness		
	(mm)			(V)	(mAh)
043476AR	76.0	34.0	4	3.7	1200
053048AL	48.0	30.0	5	3.7	750
053430S	30.0	34.0	5	3.7	290
054041AR	41.0	40.0	5	3.7	900
054060AL	60.0	40.0	5	3.7	800
054453AL	53.0	44.0	5	3.7	800
055571AR	71.0	55.0	5	3.7	2200
063040AL	40.0	30.0	6	3.7	750
063450AR	50.0	34.0	6	3.7	800
063830AR	30.0	38.0	6	3.7	500
064136AR	36.0	41.0	6	3.7	800
073862AL	62.0	38.0	7	3.7	1200
093450AR	50.0	34.0	9	3.7	1000
094061AL	61.0	40.0	9	3.7	2000
103450AR	50.0	34.0	10	3.7	1800
112832AL	32.0	28.0	11	3.7	800
315260AL	60.0	52.0	3.1	3.7	1050
326072AL	72.0	60.0	3.2	3.7	1500
335458AL	58.0	54.0	3.3	3.7	1150
346070AL	70.0	60.0	3.4	3.7	1600
395157AR	57.0	51.0	3.9	3.7	1500
404695AR	95.0	46.0	4	3.7	2800
423981AR	81.0	39.0	4.2	3.7	1860
494952AR	52.0	49.0	4.9	3.7	1850
503466AR	66.0	34	5	3.7	1350
514281AR	81.0	42.0	5.1	3.7	2800
523450AR	50.0	34.0	5.2	3.7	1200
525476AR	76.0	54.0	5.2	3.7	3200
544089AR	89.0	40.0	5.4	3.7	3000
555571AR	71.0	55.0	5.5	3.7	2600
602631AL	31.0	26.0	6	3.7	500
624057AL	57.0	40.0	6.2	3.7	1200
704255AR	55.0	4.2	7	3.7	1000
762836AL	36.0	28.0	7.6	3.7	800
772549AL	49.0	25.0	7.7	3.7	1000
803038AR	38.0	30.0	8	3.7	1030
862939AR	39.0	29.0	8.6	3.7	1090
883459AR	59.0	34.0	8.8	3.7	2100
973456AR	56.0	34.0	9.7	3.7	2000
983450AR	50.0	34.0	9.8	3.7	1800

锂离子方形铝壳电池 Li-Ion Square Aluminum Battery



型号 Model	尺寸 Dimension			标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	长 Length	宽 Width	厚 Thickness			
	(mm)			(V)	(Ah)	(kg)
CT-3.7V102Ah	148.0	95.0	52.0	3.7	102	1.70
CT-3.7V153Ah	148.0	97.0	78.0	3.7	153	2.62

锂离子聚合物电池 Lithium Polymer Battery

应用领域 无线电话，手提电话，蓝牙耳机，数码照相机，录像机、便携式DVD，MD，CD播放器，笔记本，电脑，传真机，PDAS，电动自行车，矿工灯，遥控车等。

Application Wireless telephone, mobile phone, bluetooth headset, digital camera, video recorder, portable DVD, MD, CD players, laptops, computers, fax machines, PDAS, electric bicycle, miners lamp, remote control car etc.



Model 型号	尺寸 Dimension			标称电压 Nominal Voltage	标称容量 Nominal Capacity
	长 Length	宽 Width	厚 Thickness		
	(mm)			(V)	(mAh)
PL103450	50	34	1	3.7	1800
PL103759	59	37	1	3.7	2300
PL114065	65	40	1.1	3.7	4000
PL124065	65	40	1.2	3.7	4000
PL302025	25	20	3	3.7	110
PL401015	15	10	4	3.7	40
PL402025	25	20	4	3.7	140
PL402030	30	20	4	3.7	180
PL402530	30	25	4	3.7	250
PL402035	35	20	4	3.7	240
PL402050	50	20	4	3.7	300
PL402535	35	25	4	3.7	320
PL454261	61	42	4.5	3.7	1350
PL502025	25	20	5	3.7	180
PL502030	30	20	5	3.7	200
PL502050	50	20	5	3.7	500
PL502535	35	25	5	3.7	400
PL503040	40	30	5	3.7	550
PL503450	50	34	5	3.7	900
PL503759	59	37	5	3.7	1200
PL505573	73	55	5	3.7	2500
PL521521	21	15	5.2	3.7	140
PL523040	40	30	5.2	3.7	550
PL523450	50	34	5.2	3.7	950
PL601120	20	11	6	3.7	100
PL602030	30	20	6	3.7	300
PL602035	35	20	6	3.7	370
PL602040	40	20	6	3.7	410
PL602248	48	22	6	3.7	650
PL602535	35	25	6	3.7	510
PL603040	40	30	6	3.7	600
PL603048	48	30	6	3.7	900
PL603450	50	34	6	3.7	1100
PL606090	90	60	6	3.7	4000
PL683440	40	34	6.8	3.7	900
PL801742	42	17	8	3.7	570
PL803035	35	30	8	3.7	800
PL803450	50	34	8	3.7	1500
PL804050	50	40	8	3.7	1800
PL902030	30	20	9	3.7	500
PL902040	40	20	9	3.7	700

微型薄膜电池 Rechargeable Ultrathin Battery

主要特征 微型薄膜电池，标称电压3V，厚度薄至0.4mm，工作温度-20℃至60℃，比容量高，自放电率低，寿命长，标准放电电流0.01C，最大持续电流0.2C，安全环保，完全符合RoHS电池指令。

Main Features Micro film battery, Nominal Voltage: 3V, 0.4mm thickness, operating temperature range: -20℃ to +60℃. High Specific Capacity, Low self-discharge rate, Long shelf life. Standard discharge current: 0.01C, Maximum continuous discharge current: 0.2C. Environment Friendly, RoHS Compliance.

主要特征 传感器，医疗设备，智能卡，有源电子标签，和可穿戴等设备。

Application Sensors, Medical Devices, Power Cards, Wearable Devices and so on.



型号 Model	尺寸 Dimensions			标称电压Nominal Voltage	标称容量Nominal capacity	参考重量Approx. Weight
	厚度 Thickness	宽度 Width	长度 Length			
	(mm)			(V)	(mAh)	(g)
ICP032525	0.35	25	25	3.7	7	0.3
ICP041817	0.45	17.5	16.5	3.7	3	0.2
ICP041923	0.45	18.5	22.5	3.7	5	0.2
ICP042039	0.45	20	39	3.7	13	0.6
ICP042323	0.45	22.5	22.5	3.7	7	0.3
ICP042345	0.45	23	45	3.7	21	0.9
ICP042525	0.45	25	25	3.7	10	0.4
ICP042550	0.45	24.5	49.5	3.7	24	1
ICP042722	0.45	27	22	3.7	9	0.4
ICP042922	0.45	28.5	22	3.7	10	0.4
ICP044750	0.45	46.5	49.5	3.7	56	2.2
ICP044848	0.45	47.5	47.5	3.7	54	2.2
ICP045050	0.45	50	50	3.7	60	2.5
ICP061010	0.6	9.5	9.5	3.7	0.6	0.1
ICP061020	0.6	9.5	19.5	3.7	3	0.2
ICP0612120	0.6	11.5	119.5	3.7	34	1.4
ICP062550	0.65	24.5	49.5	3.7	40	1.4
ICP071923	0.7	18.5	22.5	3.7	12	0.7
ICP072822	0.7	28.5	22	3.7	20	0.9
ICP102323	1	22.5	22.5	3.7	24	1
ICP121010	1.15	9.5	9.5	3.7	3	0.2
ICP131817	1.3	17.5	16.5	3.7	20	1
ICP301020	3	9.5	19.5	3.7	33	1

磷酸铁锂电池 Li-FePO4 Battery



材料 Material	资源丰富，性价比高，无毒，环保 Rich resources, competitive price and environmental
性能 Performance	使用寿命长，安全性好 Long life span, safety performance
容量 Capacity	理论容量高达170mAh/g, 20%的循环效率 Theoretical capacity as high as 170mAh/g, 20% cycling efficiency

运用领域 太阳能路灯、太阳能路灯、太阳能储能电源、电动汽车、电动自行车、手推车、滑板车、应急照明、移动电源、报警系统、吸尘器、电动工具、机器人、割草机、扫地机、医疗设备、健身器材、照相器材、通信设备、以及各类仪表。

Application Solar ace lamp, solar street lamp, solar energy storage power supply, UPS power supply, electric cars, electric bicycles, wheelbarrow, scooter, emergency lighting, mobile power supply, alarm system, vacuum cleaners, electric tools, robots, lawn mower, medical equipment, sports equipment, photographic equipment, communications equipment, all kinds of instruments and meters, etc.

磷酸铁锂圆柱型电池 Li-FePO4 Cylindrical Battery

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高度 Height			
	(mm)		(V)	(mAh)	(g)
IFR14430	14.0	43.0	3.2	400	12
IFR14430	14.0	43.0	3.2	500	12.5
IFR14500	14.0	50.0	3.2	400	14.5
IFR14500	14.0	50.0	3.2	450	15
IFR14500	14.0	50.0	3.2	500	15.6
IFR14500	14.0	50.0	3.2	550	17
IFR14500	14.0	50.0	3.2	600	18
IFR18500	18.0	50.0	3.2	1000	37
IFR18550	18.0	65.0	3.2	1300	40
IFR18550	18.0	65.0	3.2	1400	40
IFR18550	18.0	65.0	3.2	1500	40.5
IFR22550	22.0	65.0	3.2	2000	83
IFR22550	22.0	65.0	3.2	2100	83
IFR26550	26.0	65.0	3.2	2600	83
IFR26550	26.0	65.0	3.2	3000	84
IFR26550	26.0	65.0	3.2	3200	85
IFR26550	26.0	65.0	3.2	3400	86
IFR26550	26.0	65.0	3.2	3600	86
IFR26550	26.0	65.0	3.2	3800	88
IFR32700	32.0	70.0	3.2	6000	132
IFR32700	32.0	70.0	3.2	6300	135
IFR32700	32.0	70.0	3.2	6500	140

磷酸铁锂方形铝壳电池 LiFePO4 Square Aluminum Battery

型号 Model	尺寸 Dimension			标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	长度 Length	宽度 Width	厚度 Thickness			
	(mm)			(V)	(mAh)	(g)
CT-1.2V100Ah	185.8	181.0	30.0	3.2	50	1.88
CT-1.2V100Ah	176.9	180.3	35.7	3.2	51.5	1.88
CT-1.2V100Ah	200.5	180.8	48.3	3.2	51.5	1.88
CT-1.2V100Ah	200.5	180.3	35.7	3.2	106.5	1.98
CT-1.2V100Ah	204.8	171.6	71.5	3.2	285	6.22
CT-1.2V100Ah	173.8	180.2	48.0	3.2	36	2.33
CT-1.2V140Ah	199.0	177.0	43.5	3.2	140	1.96

镍氢电池 Ni-MH Battery

主要特征 容量大，无“记忆效应”，耐过充电、过放电能力强，无污染，资源丰富，寿命长。

Main Features Large capacity, no "memory effect", strong resistance to overcharging, overdischarge, no pollution, rich resources, long cycle.

运用领域 电动工具、照明、模型飞机、矿灯、安全头盔、安全灯、蓝牙耳机、电子书、移动DVD、手机电视、移动天平、掌上电脑、定位设备、无线抄表、无线排序、无线数据传送器等。

Application Power Tools, lights, model aircraft, miner's lamp, safety helmets, safety lights, bluetooth headsets, e-books, mobile DVD, mobile TV, mobile scales, PDA, positioning devices, wireless meter reading, wireless ordering, wireless data transmitter, etc.



镍氢纽扣电池 Ni-MH Button Cell

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
20H	11.6	3.1	1.2	20	1.2
40H	11.8	5.2	1.2	40	1.7
60H	13.4	6.3	1.2	60	3.5
80H	13.3	6.1	1.2	80	4.0
150H	25.1	5.4	1.2	180	7.0
250H	25.1	6.1	1.2	250	10.0
330H	25.1	8.5	1.2	330	11.6

镍氢方块电池 Ni-Mh Battery - Square

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
2/3F6 H430	30.0	17.0	6.1	1.2	400.0
1/3F6 H550	34.0	17.0	6.1	1.2	550.0
4/5F6 H600	37.0	17.0	6.1	1.2	600.0
1F6 H800	48.0	17.0	6.1	1.2	800.0
7/5F6 H1100	67.0	17.0	6.1	1.2	1100.0
1F6 H1300	48.0	17.0	6.1	1.2	1300.0

镍氢柱式电池 Ni-Mh Battery - Column

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
AA2700 尖头	14.1	50.0	1.2	2700	35.0
AA2300	14.1	50.0	1.2	2300	31.0
AA1500	14.1	50.0	1.2	1500	25.0
AA2000	14.1	50.0	1.2	2000	28.5
A2700	16.9	50.0	1.2	2700	3.7
AAAG00	10.0	44.0	1.2	600	11.5
AAAB00	10.0	44.0	1.2	800	11.0
AAAG50 LSD	10.0	44.5	1.2	650	14.0
AAAP50	8.5	42.5	1.2	950	7.5
SC2300	23.0	43.0	1.2	2300	50.0
SC1300	23.0	43.0	1.2	1300	43.0
C3200	24.5	50.0	1.2	3200	72.0
C4500	25.0	50.0	1.2	4000	80.0
C5000	25.0	50.0	1.2	5000	90.0
D7000	33.0	61.5	1.2	7000	77.0
D8000	33.0	61.5	1.2	8000	77.0
D9000	32.0	61.5	1.2	9000	170.0
D10000	32.0	61.5	1.2	10000	180.0
FL4000	33.0	90.0	1.2	14000	77.0

镍镉电池 Ni-Cd Battery



运用领域 电动工具、照明、模型飞机、矿灯、安全头盔、安全灯、蓝牙耳机、电子书、移动DVD、手机电视、移动天平、掌上电脑、定位设备、无线抄表、无线排序、无线数据传送器等。

Application Power Tools, lights, model aircraft, miner's lamp, safety helmets, safety lights, bluetooth headsets, e-books, mobile DVD, mobile TV, mobile scales, PDA, positioning devices, wireless meter reading, wireless ordering, wireless data transmitter, etc.

镍镉电池-高温 Ni-Cd Battery-High Temperature

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
AA500T	14.1	49	1.2	500	15.0
AA600T			1.2	600	16.5
AA700T			1.2	700	18.0
AA800T			1.2	800	19.5
AA900T			1.2	900	20.5
1/2AA500T	16.7	25	1.2	500	19.0
4/5AA1200T	16.7	43	1.2	1200	20.0
AA1400T	16.7	50	1.2	1400	29.0
7/5AA1800T	16.7	70	1.2	1800	32.0
SC1300T	22.5	42.5	1.2	1300	39.5
SC1500T			1.2	1500	42.0
SC1800T			1.2	1800	45.0
SC2000T			1.2	2000	48.0
C2000T			1.2	2000	59.0
C2200T	25.5	49	1.2	2200	61.0
C2500T			1.2	2500	65.0
C2800T			1.2	2800	69.0
D2500T		60	1.2	2500	105.0
D3000T			1.2	3000	110.0
D4000T			1.2	4000	112.0
D4500T			1.2	4500	118.0
D5000T			1.2	5000	125.0
D5500T		89	1.2	5500	130.0
F7000T			1.2	7000	180.0
F8000T			1.2	8000	190.0
F9000T			1.2	9000	200.0

镍镉电池-高倍率 Ni-Cd Battery-High Drain

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
AA800P	14.1	49	1.2	800	19.5
4/5SC1300P	22.5	33.5	1.2	1300	35.0
SC1300P	22.5	42.5	1.2	1300	39.0
SC1500P			1.2	1500	41.0
SC1800P			1.2	1800	45.0
SC2000P			1.2	2000	47.0

镍镉电池-常规 Ni-Cd Battery-Regular

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
	(mm)		(V)	(mAh)	(g)
AAA300C	10.2	44.0	1.2	300	9.0
AAA350C			1.2	350	9.5
AAA400C			1.2	400	10.0
1/2AA350C	14.1	25.0	1.2	350	9.0
2/3AA300C	14.1	29.0	1.2	300	9.5
2/3AA350C			1.2	350	10.0
2/3AA400C			1.2	400	11.0
2/3AA450C			1.2	450	11.5
5/7AA550C	14.1	34.0	1.2	550	12.0
4/5AA800C	14.1	43.0	1.2	800	17.0
AA400C	14.1	49.0	1.2	400	14.0
AA500C			1.2	500	14.5
AA600C			1.2	600	16.0
AA700C			1.2	700	17.5
AA800C			1.2	800	18.5
AA900C			1.2	900	19.5
AA1000C			1.2	1000	20.5
1/2A600C	16.7	25.0	1.2	600	20.0
1/2A700C			1.2	700	21.0
4/5A1200C	16.7	43.0	1.2	1200	24.5
A1200C	16.7	50.0	1.2	1200	28.0
A1400C			1.2	1400	29.0
4/5SC1300C	22.5	33.5	1.2	1300	33.0
SC800C	22.5	42.5	1.2	800	34.0
SC1200C			1.2	1200	36.0
SC1300C			1.2	1300	37.0
SC1500C			1.2	1500	40.0
SC1800C			1.2	1800	44.0
SC2000C			1.2	2000	46.0
SC2200C			1.2	2200	48.0
C2000C	25.5	49	1.2	2000	56.0
C2300C			1.2	2300	59.0
C2500C			1.2	2500	62.0
C2800C			1.2	2800	65.0
C3000C			1.2	3000	67.0
1/2D2500C	32.5	36	1.2	2500	68.0
D2500C	32.5	60	1.2	2500	85.0
D3000C			1.2	3000	100.0
D4000C			1.2	4000	105.0
D4500C			1.2	4500	112.0
D5000C			1.2	5000	123.0
D5500C	32.5	90	1.2	5500	123.0
F6000C			1.2	6000	155.0
F7000C			1.2	7000	165.0
F8000C			1.2	8000	175.0
F10000C			1.2	10000	195.0

碱性/碳性/锌空电池 Alkaline & Carbon-zinc & Zinc-Air Battery



主要特征：

碱性电池：是锌锰电池系列中性能最优的品种。电池容量大，放电平台高，对工作环境要求较低，储存性能优良。电池内阻较低，因此产生之电流较一般锰电池为大，而环保型含汞量只有0.025%，无须回收。

碳性电池：碳性电池的全称应该是碳锌电池(因为它一般正级是炭棒,负级是锌皮),也称为锌锰电池,是最普遍之干电池。碱性电池适用于需放电量大及长时间使用。电池内阻较低,因此产生之电流较一般锌锰电池为大,导电是铜棒,外壳是钢壳,安全可靠。

锌空电池：电池容量大、比能量高、放电曲线平滑、自放电少、储存寿命好、生产成本低、价格低廉、环保无污染等。锌空电池以空气中的氧气为正极材料,所以电池内就有空间装更多的负极材料。它的容量比是其它电池的3-10倍。

Main Features

Alkaline battery: The best performance in zinc manganese battery series with high capacity and low discharge, suitable for almost all working environments, excellent storage performance. Bigger current than common manganese battery because of low internal resistance. Environmental type contains 0.025% mercury, no need for recycling.

Carbon-zinc Battery: The full name of a carbon battery should be a carbon-zinc battery (because it is generally a carbon rod, the anode is a zinc skin), also known as a zinc-manganese battery, is the most common dry battery.

Alkaline batteries are suitable for large discharges and long-term use. The internal resistance of the battery is low, so the current generated is larger than that of the general zinc-manganese battery. The conductive material is a copper rod and the outer casing is a steel shell, which is safe and reliable.

Zinc-Air Battery: Large capacity, high specific energy, stable discharge curve, low self-discharge, excellent storage life, low production cost, environmental protection, no pollution etc.

运用领域 PHS、办公设备、手持式终端、FA设备(测量仪、插件式微电脑、传感器)、医疗设备、照相机、MP3、MP4、电动剃须刀、电动玩具、电动牙刷、计算器、电子钟表、记录器、电子词典、发光玩具、收音机、手电筒、探照灯、无线鼠标、遥控器、立体声耳机、CD播放机、血压计、助听器。

Application PHS, office equipment, handheld terminals, FA equipment (measuring instrument, plug-in micro-computer, sensors), medical equipment, camera, MP3, MP4, electric shavers, electric toys, electric toothbrushes, calculators, electronic watches and clocks, recorders, electronic dictionaries, light-emitting toys, radio, flashlight, searchlights, wireless mouse, remote control, stereo headset, CD player, sphygmomanometer, Hearing aid etc.

碱性电池 Alkaline Battery

型号 Model		尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight	工作温度 Operating Temperature
		直径 Diameter	高 Height				
		(mm)		(V)	(mAh)	(g)	(°C)
扣式 Coin Type	AG1	6.8	2.1	1.5	13	0.3	20±2°C
	AG2	7.85	2.6	1.5	24	0.45	20±2°C
	AG3	7.85	3.6	1.5	35	0.61	20±2°C
	AG4	6.8	2.6	1.5	18	0.34	20±2°C
	AG5	7.9	5.4	1.5	60	0.9	20±2°C
	AG6	9.5	2.1	1.5	27	0.52	20±2°C
	AG7	9.5	2.7	1.5	36.5	0.63	20±2°C
	AG8	11.6	2.1	1.5	35	0.8	20±2°C
	AG9	9.5	3.6	1.5	60	0.85	20±2°C
	AG10	11.6	3.1	1.5	75	1.15	20±2°C
	AG11	7.85	2.1	1.5	16.5	0.36	20±2°C
	AG12	11.6	3.1	1.5	115	1.6	20±2°C
	AG13	11.6	5.4	1.5	150	1.9	20±2°C
柱式 Cylindrical Type	6LR61	25.5	46.4	9	560	45	20±2°C
	23A	7.6-8.1	27.4-28.2	12	25	4.5	20±2°C
	27A	9.7-10.3	27.7-28.5	12	48	8	20±2°C
	LR03	10	44.5	1.5	1200	11.3	20±2°C
	LR6	14.5	50.5	1.5	2500	23	20±2°C
	LR14	26	50	1.5	6700	70	20±2°C
	LR20	34	61.5	1.5	1420	138	20±2°C
	4LR44	13.0	25.2	6	135	9.97	20±2°C

碳性电池 Carbon-zinc Battery

型号 Model	尺寸 Dimension			标称电压 Nominal Voltage	重量 Approx. Weight
	直径 Diameter	宽 Weight	高 Height		
		(mm)	(V)	(mAh)	(g)
6F22	26.5	17.5	48.5	9V	37
R20P	34.2		61.5	1.5	100
R14P	26.2		50	1.5	48.8
R6	14.5		50.5	1.5	18
R03	10.5		44.5	1.5	9.5

锌空电池 Zinc-Air Battery

型号 Model		尺寸 Dimension		标准负载 Standard Load	标称容量 Nominal Capacity	重量 Approx. Weight
		直径 Diameter	高 Height			
	IEC	(mm)		(Ω)	(mAh)	(g)
A10	PR70	5.8	3.6	1000	100	0.31
A13	PR48	7.9	5.4	330	300	0.83
A312	PR41	7.9	3.6	560	180	0.52
A675	PR44	11.6	5.4	150	630	1.82
A675P	PR44	11.6	5.4	75	550	1.82

氧化银电池 Silver Oxide Battery

主要特征：

适应工作电压高、放电平稳之使用要求，特别适用于较小电流长时间连续使用之用电器具。产品性能稳定可靠，自放电率低，抗漏液性强。

Main Features

High working voltage, stable discharge, especially suitable for long-time small continuous use of electrical appliances. Stable and reliable performance, low self-discharge rate, leaking resistance.

运用领域 PHS、办公设备、手持式终端、FA设备（测量仪、插件式微电脑、传感器）、医疗设备、照相机、MP3、MP4、电动剃须刀、电动玩具、电动牙刷、计算器、电子钟表、记录器、电子词典、发光玩具、收音机、手电筒、探照灯、无线鼠标、遥控器等。

Application PHS, office equipment, handheld terminals,

FA equipment (measuring instrument, plug-in micro-computer, sensors), medical equipment, camera, MP3, MP4, electric shavers, electric toys, electric toothbrushes, calculators, electronic watches and clocks, recorders, electronic dictionaries, light-emitting toys, radio, flashlight, searchlights, wireless mouse, remote control, etc.



型号 Model	标称电压 Nominal Voltage	标称容量 Nominal Capacity	性能 Performance			尺寸 Dimension	
			持续放电时间 Continuous Discharge Time	放电条件 Discharge Condition			
				负载电阻 Load Resistance	终止电压 End-Point Voltage	直径 Diameter	高 Height
	(V)	(mAh)	(H)	(KΩ)	(V)	(mm)	
SR41W (392)	1.55	38	540/45	22/2.0	1.2	7.9	3.6
SR43 (386)	1.55	108	720/65	10/1.0	1.2	11.6	4.2
SR44 (357)	1.55	160	720/45	6.8/0.51	1.2	11.6	5.4
SR44W (357)	1.55	175	780/50	6.8/0.51	1.2	11.6	5.4
SR54 (389)	1.55	72	650/80	15/2.0	1.2	11.6	3.1
SR58W (361)	1.55	23	720/95	47/6.5	1.2	7.9	2.1
SR59W (396)	1.55	30	620/110	33/6.5	1.2	7.9	2.6
SR60W (364)	1.55	19	750/75	68/6.5	1.2	6.8	2.2
SR63W (379)	1.55	11	575/55	68/7.5	1.2	5.8	2.2
SR66W (377)	1.55	25	750/100	47/6.5	1.2	6.8	2.6

型号 Model	尺寸 Dimension		标称电压 Nominal Voltage	标称容量 Nominal Capacity	重量 Approx. Weight
	直径 Diameter	高 Height			
		(mm)	(V)	(mAh)	(g)
SR521SW	5.8mm	2.15mm	1.55V	8.5mAh	0.21g
SR621SW	6.80mm	2.10mm	1.55V	11.5mAh	0.30g
SR626SW	6.80mm	2.60mm	1.55V	15mAh	0.33g
SR721SW	7.90mm	2.10mm	1.55V	19.5mAh	0.37g
SR41SW	7.90mm	3.60mm	1.55V	39mAh	0.65g
SR754SW	7.90mm	5.40mm	1.55V	60mAh	0.91g
SR920SW	9.50mm	2.10mm	1.55V	24mAh	0.52g
SR927SW	9.50mm	2.70mm	1.55V	32mAh	0.63g
SR936SW	9.50mm	3.60mm	1.55V	52mAh	0.85g
SR1120SW	11.60mm	2.10mm	1.55V	30mAh	0.80g
SR1130SW	11.60mm	3.10mm	1.55V	68mAh	1.16g
SR43SW	11.60mm	4.20mm	1.55V	88mAh	1.43g
SR516SW	5.65~5.80mm	1.50~1.70mm	1.55V	5mAh	0.17g
SR616SW	6.65~6.80mm	1.50~1.70mm	1.55V	7mAh	0.23g
SR716SW	7.75~7.90mm	1.50~1.70mm	1.55V	9mAh	0.34g

充电器 Battery Charger



- 镍氢，镍镉，锂离子，磷酸铁锂通用
- LCD显示屏可显示电池的电压，充电电流，充电时间以及电池类型

- For rechargeable lithium batteries such as 26650/18650/18490/17335/16340/10440.

- Compatible with Ni-MH, Ni-Cd battery series of the same model size, such as AA, AAA, C type.

- LCD display of each cell's voltage, charging current, charging time and battery type.

- 纽扣电池通用
- 双通道
- LED灯显示充电状态

- Button Battery Charger
- Double Channels
- LED for charging status

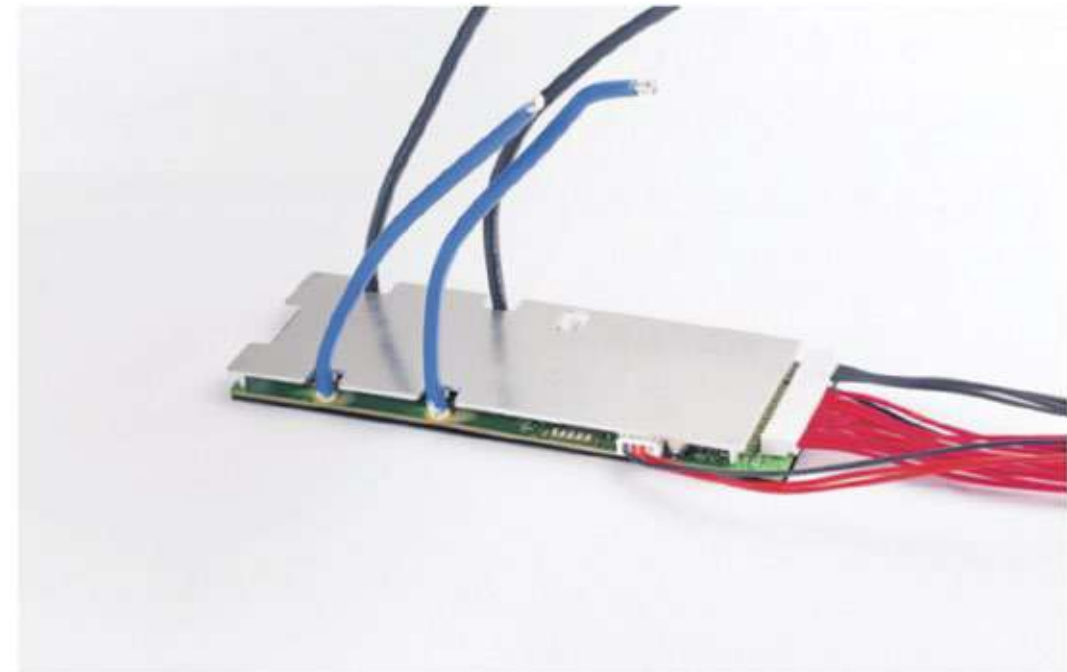
- 锂离子电池组通用
- 单通道
- LED灯显示充电状态

- Li-ion Battery Pack Charger
- Single Channel Control
- LED for charging status

- 可用于锂离子电池，磷酸铁锂电池，锂聚合物电池，锰酸锂电池等使用

- Can be used for lithium ion batteries, LiFePO4 batteries, Li-PO batteries, LiMn2O4 batteries, etc.

BMS保护板 Battery Management System



型号 Model	适用电池种类 Charging Battery Type	电池串联数量 Battery in Series	持续工作电流 Continue Working Current	过流保护 Over-Current Protection
			(A)	(A)
CT-1S-20A	Li-ion & LiFePO4	1S	15A	30A
CT-3S-3A	Li-ion & LiFePO4	3S	3A	10A
CT-4S-9A	Li-ion & LiFePO4	4S	9A	40A
CT-5S-10A	Li-ion & LiFePO4	5S	10A	20A
CT-6S-12A	Li-ion & LiFePO4	6S	12A	20A
CT-7S-15A	Li-ion & LiFePO4	7S	15A	40A
CT-8S-15A	Li-ion & LiFePO4	8S	15A	40A
CT-10A-20A	Li-ion & LiFePO4	10S	20A	65A
CT-13S-70A	Li-ion & LiFePO4	13S	70A	140A
CT-24S-120A	Li-ion & LiFePO4	24S	120A	300A
CT-24S-250A	Li-ion & LiFePO4	24S	250A	490A

Bags 包



Apply To GT500



Apply To ST2000



Apply To GT1500



Automobile Starter

BATTERY HOLDER 电池座

纽扣电池座, 电池夹&柱式电池盒, AA, AAA, C, D型号等。从BS-1到BS-8适用于BR/CR/ML/VL/LIR 20系列的纽扣电池。

Battery holder for button cell, battery clip & battery holder for AA, AAA, C, D size battery. BS-1 to BS-8 are suitable for BR/CR/VL/LIR 20 series button cell battery.



BS-2032-1DIP



BS-2032-2-1DIP



BS-2032-3DIP



BS-2032-3-1DIP



BS-2032-4-1DIP



BS-2032-4-2DIP



BS-2032-5-3PIN



BS-2032-5-2-3PIN



BS-2032-6SMT 5N



BS-2032-6DIP



BS-2032-6-2DIP



BS-2032-6-2SMT 5N



BS-2032-7DIP



BS-2032-8SMT AU



BS-2032-8-3DIP



BS-2032-10SMT AU



BS-2032-12SMT AU



BS-1220-2SMT AU



BS-1220-1



BS-2410-8-18MT AU



BS-2410-13-9SMT



BS-2430-1DIP



BS-2430-2-3PIN



BS-2430



BS-2450-1DIP



BS-2450-3SMTAU



BS-2477-1DIP



BS-2450-2SMT



BS-1620DIP



BS-1632-2SMT