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产品如人品
人品造精品
十年如一日
造优质电池

- | | |
|------------------------------|--|
| › 15+年制造经验; | › 15+ years of manufacturing experience; |
| › 自建厂房: 5.3万平方米; | › Self-built factory: 53,000 square meters; |
| › 拥有和电池配套的外壳塑料工厂; | › Have a plastic shell factory that matches the battery; |
| › 电池采用自动化装配, 流水线作业; | › The battery adopts automated assembly and assembly line operations; |
| › 和五家以上上市公司合作, 使我们的质量体系更加完善; | › Cooperate with more than five listed companies to improve our quality system; |
| › 严格控制生产工艺, 多达七次的产品全部检测。 | › Strictly control the production process and test all products up to seven times. |



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企业简介 COMPANY PROFILE

东莞市钧赫电子科技有限公司是一家从事新能源产品的研发、制造和销售为一体的高科技企业，我们公司占地面积53000平方米，有数百名经验丰富的技术人员。公司产品主要有储能电池，启动电池，备用电池，太阳能系统电池等。它们得到了世界各地的认可，并广泛应用于太阳能系统、UPS/EPS系统、安防系统、通信设备、电子电器和照明系统等。我们已同国内多家知名上市企业建立OEM深度合作关系。

我们先后通过了ISO9001质量管理体系认证等，被评为“AAA级诚信经营示范单位”。产品通过了欧盟CE、ROHS、海运证等认证，先后取得了10项实用新型证书及2项发明专利证书。

我们拥有一批经验丰富的技术人才，并建立了科学的质量管理体系及检验标准，引进一流的生产设备和检验仪器，把握生产过程的每一环节，使得我们的蓄电池价格和质量都领先于同行。

此外，我们能够根据客户的要求开发新产品。我们电池在北美、欧洲、中东和南美市场很受欢迎。与此同时，我们也开发了东亚、南亚和非洲等新市场。我们华圆电池始终以质量、信誉和进取精神来提供服务，我们希望成为您值得信赖的长期合作伙伴，实现双赢。

Dongguan Junhe Electronic Technology Co., Ltd is a high-tech enterprise engaged in the research and development, manufacturing, and sales of new energy products. We covers an area of 53,000 square meters and has hundreds of experienced technical personnel. The company's main products include energy storage batteries, starter batteries, backup batteries, solar system batteries, etc. They have been recognized worldwide and widely used in solar energy systems, UPS/EPS systems, security systems, communication equipment, electronic appliances, and lighting systems. We have established deep OEM cooperation relationships with multiple well-known domestic listed companies.

We have successively passed ISO9001 quality management system certification and been rated as an "AAA level demonstration unit for honest operation". The product has passed certifications such as UL, CE, RoHS, and sea freight certificate, and has obtained 10 utility patent certificates and 2 invention patent certificates.

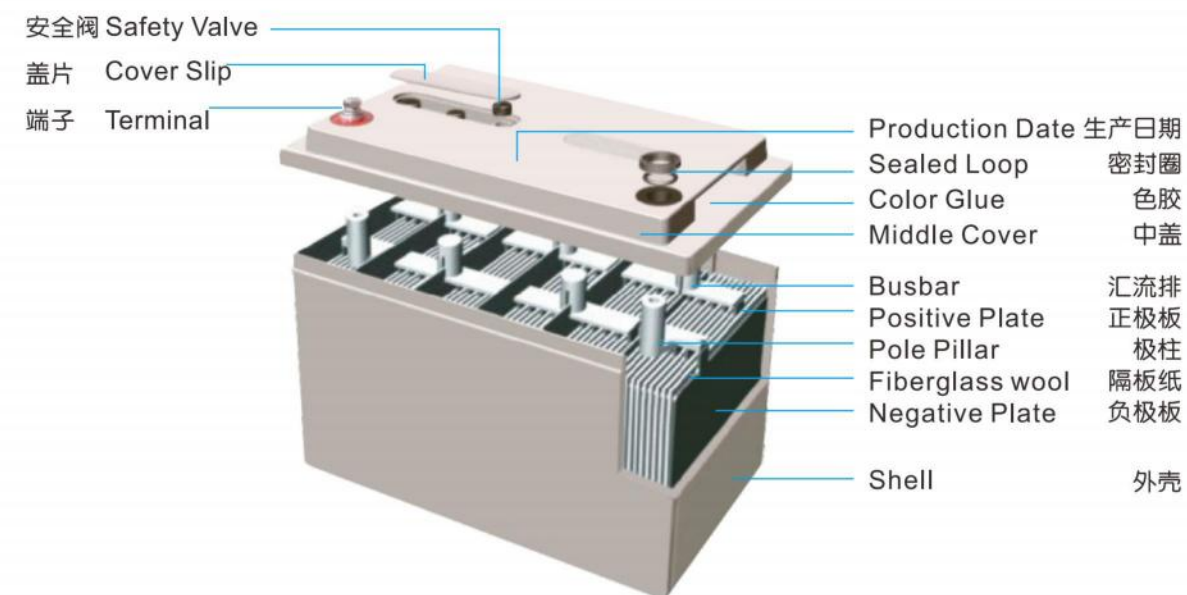
We have a group of experienced technical talents, established a scientific quality management system and inspection standards, introduced first-class production equipment and inspection instruments, and grasped every link of the production process, making our battery prices and quality ahead of our peers.

In addition, we are able to develop new products according to customer requirements. Leishidun is very popular in markets in North America, Europe, the Middle East, and South America. At the same time, we have also developed new markets in East Asia, South Asia, and Africa. Leishidun always provides services with quality, reputation, and enterprising spirit. We hope to become your trusted long-term partner and achieve a win-win situation.

HONOR CERTIFICATES

荣誉资质





ACCESSORIE 部件	MATERIAL 材料	FEATURE 特点	FUNCTION 功能
Plate 极板	Multi-element alloy grid coated positive and negative plates 多元合金板栅涂膏式正负极板	Low corrosion rate and long cycle life 腐蚀速度低,循环寿命长	Provide sufficient capacity to ensure a long enough service life 提供充足的容量，保证足够长的使用寿命
AGM 隔板	Ultrafine fiberglass 超细玻璃纤维	Uniform thickness, extremely low internal resistance, high porosity, excellent compression performance 厚度均匀、极低的内阻、较高的孔率、优良的压缩性能	Prevent short circuit of positive and negative plates, store electrolyte, and provide oxygen recombination channel 防止正负极板短路，储存电解液，并提供氧复合通道
Electrolyte 电解液	Analytical pure sulfuric acid, high-purity deionized water and special electrolyte coating additives 分析纯硫酸、高纯去离子水及专用电解液添加剂	Extremely low conductivity and can effectively prevent micro-short circuits inside the battery 极低的电导率，并能有效防止电池内部微短路	Participate in electrochemical reactions, conductors 参与电化学反应，导电体
Colloidal electrolyte (For gel battery) 胶体电解质 (用于胶体电池)	Analytical pure sulfuric acid, high-purity deionized water, imported fumed silica and special colloidal additives 分析纯硫酸、高纯去离子水、进口气相二氧化硅及专用的胶体添加剂	There is no electrolyte stratification, and it can effectively lock in moisture. It has excellent low-temperature performance, high-temperature performance and cycle performance 无电解液分层,且能有效地锁住水份，低温性能、高温性能及循环性能优越	Participate in electrochemical reactions, conductors 参与电化学反应，导电体
Shell 壳体	ABS engineering plastics ABS工程塑料	High strength and excellent shock-proof performance 较高的强度及优良的防震性能	Container for electrochemical reactions 进行电化学反应的容器
Safety valve 安全阀	High quality silicone fluorine rubber 优质的硅氟橡胶	Reliable action, excellent acid resistance and anti-aging properties 动作可靠，优良的耐酸性能及抗老化性能	Releases the internal pressure of the battery and prevents external gas from entering the inside of the battery 电池内部压力释放，并防止外部气体进入电池内部
Terminal 端子	Made of copper with excellent electrical conductivity and silver-plated surface 以导电性能优良的铜为材料，表层镀银	Excellent electrical conductivity and corrosion resistance 优良的导电性能和耐腐蚀性能	Connect to external lines 与外部线路连接



应用领域 Application areas

- ☆ 电子衡器 ☆ Electronic scales
- ☆ 电动玩具 ☆ Electric toys
- ☆ 电动车辆 ☆ Electric vehicles
- ☆ 电动工具 ☆ Electrical tools
- ☆ 应急照明电源 ☆ Emergency lighting power supply
- ☆ 电风扇电源 ☆ Electric fan power supply
- ☆ 电梯备用电源 ☆ Elevator backup power supply
- ☆ 卷帘门备用电源 ☆ Rolling shutter door backup power supply
- ☆ 摩托车启动电源 ☆ Motorcycle starting power
- ☆ 移动音响设备 ☆ Mobile audio equipment
- ☆ UPS/EPS系统 ☆ UPS/EPS system
- ☆ 太阳能系统 ☆ Solar system
- ☆ 风力系统 ☆ Wind system
- ☆ 电力系统 ☆ Power system
- ☆ 通讯设备 ☆ Communication equipment



4V1.4AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 1.4Ah
外形尺寸/Dimension: 68x26x53mm
实际重量/Weight: 220g
装箱数量/Packing Quantity: 40只/PCS
纸箱尺寸/Carton Size: 360x245x120mm



4V3.0AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 3.0Ah
外形尺寸/Dimension: 47.1x29.5x100.3x105.3mm
实际重量/Weight: 290g
装箱数量/Packing Quantity: 60只/PCS
纸箱尺寸/Carton Size: 305x295x120mm



4V4.0AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 4.0Ah
外形尺寸/Dimension: 47.4x47.4x99.8x104.8mm
实际重量/Weight: 420g, 选350g, 380g, 400g, 410g
装箱数量/Packing Quantity: 40只/PCS
纸箱尺寸/Carton Size: 405x245x120mm



4V4.0AH-2A
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 4.0Ah
外形尺寸/Dimension: 69.9x47.3x98.6x103.6mm
实际重量/Weight: 590g, 选410g, 455g, 570g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



4V4.5AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 4.5Ah
外形尺寸/Dimension: 47.4x47.4x99.8x104.8mm
实际重量/Weight: 450g
装箱数量/Packing Quantity: 40只/PCS
纸箱尺寸/Carton Size: 405x245x120mm



4V5.0AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 5.0Ah
外形尺寸/Dimension: 47.4x47.4x99.8x104.8mm
实际重量/Weight: 470g, 选500g
装箱数量/Packing Quantity: 40只/PCS
纸箱尺寸/Carton Size: 405x245x120mm



4V6.0AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 6.0Ah
外形尺寸/Dimension: 69.9x47.3x98.6x103.6mm
实际重量/Weight: 620g, 选570g, 590g, 650g, 680g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



4V7.0AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 7.0Ah
外形尺寸/Dimension: 69.9x47.3x98.6x103.6mm
实际重量/Weight: 700g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



4V8.0AH
额定电压/Rated Voltage: 4V
额定容量/Rated Capacity: 8.0Ah
外形尺寸/Dimension: 69.9x47.3x98.6x103.6mm
实际重量/Weight: 720g, 选760g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



6V1.3AH
额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 1.3Ah
外形尺寸/Dimension: 98x24x52x58mm
实际重量/Weight: 260g, 选290g
装箱数量/Packing Quantity: 60只/PCS
纸箱尺寸/Carton Size: 320x255x155mm



6V2.3AH
额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 2.3Ah
外形尺寸/Dimension: 66x34x97x102mm
实际重量/Weight: 485g
装箱数量/Packing Quantity: 20/PCS
纸箱尺寸/Carton Size: 285x180x120mm



6V2.8AH
额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 2.8Ah
外形尺寸/Dimension: 66x34x97x102mm
实际重量/Weight: 560g
装箱数量/Packing Quantity: 20/PCS
纸箱尺寸/Carton Size: 285x180x120mm



6V3.2AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 3.2Ah
外形尺寸/Dimension: 126x34x61mm
实际重量/Weight: 570g, 选620g
装箱数量/Packing Quantity: 30只/PCS
纸箱尺寸/Carton Size: 345x144x147mm



6V4.0AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 4.0Ah
外形尺寸/Dimension: 69.9x47.3x98.6x103.6mm
实际重量/Weight: 620g, 选550g, 570g, 595g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



6V4.0AH-2A(矮式)

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 4.0Ah
外形尺寸/Dimension: 70x47x97x101mm
实际重量/Weight: 620g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



6V4.0AH-3A(插式)

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 4.0Ah
外形尺寸/Dimension: 70x47x100x104mm
实际重量/Weight: 620g, 选600g, 650g, 680g, 700g, 760g, 800g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



6V4.5AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 4.5Ah
外形尺寸/Dimension: 47.2x29x100mm
实际重量/Weight: 680g, 选650g
装箱数量/Packing Quantity: 60只/PCS
纸箱尺寸/Carton Size: 305x295x120mm



6V5.0AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 5.0Ah
外形尺寸/Dimension: 69.9x47.3x98.6x103.6mm
实际重量/Weight: 700g, 选710g, 720g, 730g, 750g, 800g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



6V5.0AH-2A

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 5.0Ah
外形尺寸/Dimension: 170x35x70mm
实际重量/Weight: 840kg, 选890g
装箱数量/Packing Quantity: 14只/PCS
纸箱尺寸/Carton Size: 360x270x90mm



6V7.0AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 7.0Ah
外形尺寸/Dimension: 151x34.6x94x99mm
实际重量/Weight: 1.12kg 选1.2kg
装箱数量/Packing Quantity: 14只/PCS
纸箱尺寸/Carton Size: 320x270x120mm



6V8.0AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 8.0Ah
外形尺寸/Dimension: 151x34.6x94x99mm
实际重量/Weight: 1.12kg 选1.2kg
装箱数量/Packing Quantity: 14只/PCS
纸箱尺寸/Carton Size: 320x270x120mm



6V10AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 10Ah
外形尺寸/Dimension: 151x50x93.6x98.6mm
实际重量/Weight: 1.52kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 320x270x120mm



6V12AH

额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 12Ah
外形尺寸/Dimension: 151x50x93.6x98.6mm
实际重量/Weight: 1.62kg, 选1.7kg, 1.95kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 320x270x120mm



12V0.8AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 0.8Ah
外形尺寸/Dimension: 97x25x63mm
实际重量/Weight: 320g
装箱数量/Packing Quantity: 40只/PCS
纸箱尺寸/Carton Size: 260x220x155mm



12V1.3AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 1.3Ah
外形尺寸/Dimension: 97x44x52mm
实际重量/Weight: 500g, 选560g
装箱数量/Packing Quantity: 30只/PCS
纸箱尺寸/Carton Size: 305x230x135mm



12V2.2AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 2.2Ah
外形尺寸/Dimension: 177x35x61mm
实际重量/Weight: 780g, 选720g, 900g
装箱数量/Packing Quantity: 20只/PCS
纸箱尺寸/Carton Size: 360x180x160mm



12V2.6AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 2.6Ah
外形尺寸/Dimension: 70x47x100x105mm
实际重量/Weight: 780g, 选730g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



12V2.6AH-2A

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 2.6Ah
外形尺寸/Dimension: 70x47x100x105mm
实际重量/Weight: 780g, 选730g
装箱数量/Packing Quantity: 25只/PCS
纸箱尺寸/Carton Size: 360x250x120mm



12V3.0AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 3.0Ah
外形尺寸/Dimension: 90.3x47.5x100x105mm
实际重量/Weight: 930g, 选900g
装箱数量/Packing Quantity: 20只/PCS
纸箱尺寸/Carton Size: 370x245x120mm



12V3.3AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 3.3Ah
外形尺寸/Dimension: 135x68x62x67mm
实际重量/Weight: 1.22kg, 选1.12kg, 1.32kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 360x280x90mm



12V4.0AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 4.0Ah
外形尺寸/Dimension: 90.7x70.6x100.4x105.4mm
实际重量/Weight: 1.3kg, 选1.12kg, 1.15kg, 1.2kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 360x200x120mm



12V4.5AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 4.5Ah
外形尺寸/Dimension: 90.7x70.6x100.4x105.4mm
实际重量/Weight: 1.34kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 360x200x120mm



12V5.0AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 5.0Ah
外形尺寸/Dimension: 90.7x70.6x100.4x105.4mm
实际重量/Weight: 1.44kg, 选1.4kg, 1.5kg, 1.54kg, 1.6kg, 1.7kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 360x200x120mm



12V5.0AH-2A

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 5.0Ah
外形尺寸/Dimension: 151x50x94x100mm
实际重量/Weight: 1.75kg, 选1.5kg, 1.6kg, 1.7kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 320x260x120mm



12V7.0AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 7.0Ah
外形尺寸/Dimension: 151.7x65.3x94.4mm
实际重量/Weight: 2.0kg, 选1.85kg, 1.9kg, 1.95kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 340x310x120mm



12V8.0AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 8.0Ah
外形尺寸/Dimension: 151.7x65.3x94.4mm
实际重量/Weight: 2.2kg, 选2.05kg, 2.1kg, 2.15kg, 2.3kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 340x310x120mm



12V9.0AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 9Ah
外形尺寸/Dimension: 151.7x65.3x94.4mm
实际重量/Weight: 2.5kg, 选2.4kg
装箱数量/Packing Quantity: 10只/PCS
纸箱尺寸/Carton Size: 340x310x120mm



12V10AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 10Ah
外形尺寸/Dimension: 150.9x98.8x95.7x100.7mm
实际重量/Weight: 3.0kg, 选2.6kg, 2.85kg
装箱数量/Packing Quantity: 5只/PCS
纸箱尺寸/Carton Size: 320x270x120mm



12V12AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 12Ah
外形尺寸/Dimension: 150.9x98.8x95.7x100.7mm
实际重量/Weight: 3.25kg, 选3.1kg, 3.3kg
装箱数量/Packing Quantity: 5只/PCS
纸箱尺寸/Carton Size: 320x270x120mm



12V14AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 14Ah
外形尺寸/Dimension: 150.9x98.8x95.7x100.7mm
实际重量/Weight: 3.5kg, 选3.4kg, 3.6kg, 3.7kg, 3.8kg, 3.9kg, 4.0kg
装箱数量/Packing Quantity: 5只/PCS
纸箱尺寸/Carton Size: 316x215x123mm



12V17AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 17Ah
外形尺寸/Dimension: 180.5x76.5x167.1mm
实际重量/Weight: 4.5kg, 选4.2kg, 3.8kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 330x190x190mm



12V18AH-2A

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 18Ah
外形尺寸/Dimension: 180.5x76.5x167.1mm
实际重量/Weight: 4.8kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 330x190x190mm



12V18AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 18Ah
外形尺寸/Dimension: 180.5x76.5x167.1mm
实际重量/Weight: 4.8kg,
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 330x190x190mm



12V20AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 20Ah
外形尺寸/Dimension: 181.4x76.5x165.3mm
实际重量/Weight: 5.0kg, 选5.3kg, 5.6kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 330x190x190mm



12V24AH-W(卧式)

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 24Ah
外形尺寸/Dimension: 174x166x126x126mm
实际重量/Weight: 7.5kg, 选5.5kg, 6.8kg, 7.9kg, 8.3kg
装箱数量/Packing Quantity: 2只/PCS
纸箱尺寸/Carton Size: 345x175x145mm



12V24AH-L(立式)

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 24Ah
外形尺寸/Dimension: 165x126x176x176mm
实际重量/Weight: 7.35kg, 选6.35kg, 6.75kg, 7.75kg
装箱数量/Packing Quantity: 2只/PCS
纸箱尺寸/Carton Size: 290x190x200mm



24V3.5AH
额定电压/Rated Voltage: 24V
额定容量/Rated Capacity: 3.5Ah
外形尺寸/Dimension: 189.5x73.5x70mm
实际重量/Weight: 2.2kg
装箱数量/Packing Quantity: 8只/PCS
纸箱尺寸/Carton Size: 390x300x90mm



24V4.0AH
额定电压/Rated Voltage: 24V
额定容量/Rated Capacity: 4Ah
外形尺寸/Dimension: 151.3x69.7x95.5x100mm
实际重量/Weight: 2.2kg
装箱数量/Packing Quantity: 8只/PCS
纸箱尺寸/Carton Size: 310x295x120mm



24V4.5AH
额定电压/Rated Voltage: 24V
额定容量/Rated Capacity: 4.5Ah
外形尺寸/Dimension: 151.3x69.7x95.5x100mm
实际重量/Weight: 2.55kg
装箱数量/Packing Quantity: 8只/PCS
纸箱尺寸/Carton Size: 310x295x120mm



24V6.0AH
额定电压/Rated Voltage: 24V
额定容量/Rated Capacity: 6Ah
外形尺寸/Dimension: 151.2x98.5x95.1x100mm
实际重量/Weight: 3.8kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 320x210x120mm



24V7.0AH
额定电压/Rated Voltage: 24V
额定容量/Rated Capacity: 7Ah
外形尺寸/Dimension: 187.5x102.5x94.5x99.5mm
实际重量/Weight: 3.95kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 390x224x120mm



24V7.5AH
额定电压/Rated Voltage: 24V
额定容量/Rated Capacity: 7.5Ah
外形尺寸/Dimension: 187.5x102.5x94.5x99.5mm
实际重量/Weight: 4.1kg, 选4.5kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 390x224x120mm

不同颜色，不同容量，不同尺寸，不同要求，欢迎订制！
Different colors, different capacities, different sizes, different requirements, welcome to order!



6V220AH
额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 220Ah
外形尺寸/Dimension: 260x180x274x279mm
实际重量/Weight: 28kg选30.5kg, 31.5kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size:



6V225AH
额定电压/Rated Voltage: 6V
额定容量/Rated Capacity: 225Ah
外形尺寸/Dimension: 330x180x223x228mm
实际重量/Weight: 30kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 350x200x290mm



12V33AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 33Ah
外形尺寸/Dimension: 192x128x165x180mm
实际重量/Weight: 9.4kg, 选8.2kg, 9.0kg, 10kg
装箱数量/Packing Quantity: 2只/PCS
纸箱尺寸/Carton Size: 270x210x215mm



12V38AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 38Ah
外形尺寸/Dimension: 196x165x174x174mm
实际重量/Weight: 11.7kg, 选9.0kg, 10.5kg, 12kg
装箱数量/Packing Quantity: 2只/PCS
纸箱尺寸/Carton Size: 350x220x200mm



12V55AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 55Ah
外形尺寸/Dimension: 226x138x210x215mm
实际重量/Weight: 16kg, 选14kg, 14.7kg, 17kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 265x175x260mm



12V65AH (汤浅)
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 65Ah
外形尺寸/Dimension: 349x163x175mm
实际重量/Weight: 18kg, 选14.5kg, 16kg, 17.5kg, 19kg, 20kg, 21kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 360x200x210mm

不同颜色，不同容量，不同尺寸，不同要求，欢迎订制！
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12V70AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 70Ah
外形尺寸/Dimension: 260x167x210x215mm
实际重量/Weight: 21kg, 选18.5kg, 20kg, 22kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 282x190x253mm



12V75AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 75Ah
外形尺寸/Dimension: 260x167x210x215mm
实际重量/Weight: 22.5kg, 选24kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 282x190x253mm



12V90AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 90Ah
外形尺寸/Dimension: 306x168x210x215mm
实际重量/Weight: 27kg, 选22.5kg, 25kg, 28kg, 31kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 326x190x270mm



12V100AH (汤浅)
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 100Ah
外形尺寸/Dimension: 331x173x217x224mm
实际重量/Weight: 28kg, 选22kg, 23kg, 24kg, 25kg, 26.5kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 375x220x290mm



12V100AH-手提B款
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 100Ah
外形尺寸/Dimension: 331x173x217x224mm
实际重量/Weight: 29kg, 选31kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 375x220x290mm

不同颜色，不同容量，不同尺寸，不同要求，欢迎订制！
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12V120AH铜端 (汤浅)
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 120Ah
外形尺寸/Dimension: 406x173x215x233mm
实际重量/Weight: 32kg, 选25.5kg, 27kg, 29kg, 30kg, 31kg, 34.5kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 416x180x290mm



12V120AH铅端 (汤浅)
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 120Ah
外形尺寸/Dimension: 406x173x215x233mm
实际重量/Weight: 32kg, 选26kg, 27kg, 28kg, 29kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 416x180x290mm



12V120AH铜端 (松下)
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 120Ah
外形尺寸/Dimension: 406x173x215x233mm
实际重量/Weight: 32kg, 选26kg, 27kg, 28kg, 29kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 416x180x290mm



12V150AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 150Ah
外形尺寸/Dimension: 482x171x240x240mm
实际重量/Weight: 41.5kg, 选32kg, 34kg, 36.5kg, 39.5kg, 43kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 502x187x334mm



12V200AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 200Ah
外形尺寸/Dimension: 523x240x223x226mm
实际重量/Weight: 54kg, 选46kg, 48.5kg, 50kg, 51.5kg, 53kg, 56kg, 57kg, 59kg, 61kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 540x255x330mm



12V250AH
额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 250Ah
外形尺寸/Dimension: 520x267x225x228mm
实际重量/Weight: 64kg, 选53kg, 56.5kg, 57.5kg, 60kg, 62kg, 63.5kg, 65.5kg, 66.5kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 540x285x330mm

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2V100AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 100Ah
外形尺寸/Dimension: 171x72x204mm
实际重量/Weight: 5.5kg
装箱数量/Packing Quantity: 4只/PCS
纸箱尺寸/Carton Size: 310x170x260mm



2V150AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 150Ah
外形尺寸/Dimension: 173x102x229mm
实际重量/Weight: 8.0kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 310x215x145mm



2V200AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 200Ah
外形尺寸/Dimension: 170x106x330x340mm
实际重量/Weight: 11kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 215x155x420mm



2V300AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 300Ah
外形尺寸/Dimension: 171x150x335x345mm
实际重量/Weight: 17kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 215x195x420mm



2V400AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 400Ah
外形尺寸/Dimension: 207x171x336x365mm
实际重量/Weight: 24kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 255x220x420mm



2V500AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 500Ah
外形尺寸/Dimension: 240x170x325x338mm
实际重量/Weight: 29kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 285x215x420mm



2V600AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 600Ah
外形尺寸/Dimension: 300x175x330x340mm
实际重量/Weight: 35kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 345x220x420mm



2V800AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 800Ah
外形尺寸/Dimension: 405x175x330x340mm
实际重量/Weight: 48kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 445x220x420mm



2V1000AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 1000Ah
外形尺寸/Dimension: 475x170x357x367mm
实际重量/Weight: 63kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 520x220x420mm



2V1500AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 1500Ah
外形尺寸/Dimension: 400x350x345x382mm
实际重量/Weight: 88kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 405x355x380mm



2V2000AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 2000Ah
外形尺寸/Dimension: 490x350x345x382mm
实际重量/Weight: 127kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 495x355x390mm



2V3000AH

额定电压/Rated Voltage: 2V
额定容量/Rated Capacity: 3000Ah
外形尺寸/Dimension: 710x350x340x383mm
实际重量/Weight: 180kg
装箱数量/Packing Quantity: 1只/PC
纸箱尺寸/Carton Size: 715x365x375mm



FT12V55AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 55Ah
外形尺寸/Dimension: 277x106x224mm
实际重量/Weight: 17.3kg
装箱数量/Packing Quantity: 1只/PC



FT12V75AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 75Ah
外形尺寸/Dimension: 570x119x187mm
实际重量/Weight: 27.7kg
装箱数量/Packing Quantity: 1只/PC



FT12V100AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 100Ah
外形尺寸/Dimension: 395x114x286mm
实际重量/Weight: 30.5kg, 选32kg
装箱数量/Packing Quantity: 1只/PC



FT12V150AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 150Ah
外形尺寸/Dimension: 552x109x290mm
实际重量/Weight: 45kg
装箱数量/Packing Quantity: 1只/PC



FT12V180AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 180Ah
外形尺寸/Dimension: 558x125x318mm
实际重量/Weight: 51kg, 选58.5kg
装箱数量/Packing Quantity: 1只/PC



MF12V4.0AH/YT4L-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 4Ah
外形尺寸/Dimension: 113x67x88mm
实际重量/Weight: 1.3kg, 选1.28kg, 1.38kg
装箱数量/Packing Quantity: 15只/PCS



MF12V5.0AH-1A(矮5)/YT5L-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 5Ah
外形尺寸/Dimension: 113x68x108mm
实际重量/Weight: 1.75kg, 选1.7kg, 1.8kg
装箱数量/Packing Quantity: 10只/PCS



MF12V5.0AH-3B(高5)/12N5-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 5Ah
外形尺寸/Dimension: 117x60x130mm
实际重量/Weight: 1.95kg, 选1.8kg
装箱数量/Packing Quantity: 10只/PCS



MF12V6.5AH/12N6.5-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 6.5Ah
外形尺寸/Dimension: 137x65x100mm
实际重量/Weight: 2.0kg, 选1.7kg, 1.8kg, 1.85kg, 1.9kg, 2.05kg
装箱数量/Packing Quantity: 10只/PCS



MF12V7.0AH-1A(豪迈)YT7-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 7Ah
外形尺寸/Dimension: 150x86x93mm
实际重量/Weight: 2.45kg, 选2.35kg, 2.55kg
装箱数量/Packing Quantity: 10只/PCS



MF12V7.0AH-2A(立7)/12N7A-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 7Ah
外形尺寸/Dimension: 114x70x131mm
实际重量/Weight: 2.25kg
装箱数量/Packing Quantity: 10只/PCS



MF12V7.0AH-3B(扁7)/12N7B-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 7Ah
外形尺寸/Dimension: 148x57x129mm
实际重量/Weight: 2.25kg, 选2.35kg
装箱数量/Packing Quantity: 10只/PCS



MF12V7-4B(小太子)/12N7C-BS(仿古七)

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 7Ah
外形尺寸/Dimension: 136x77x123mm
实际重量/Weight: 2.5kg, 选2.45kg, 2.65kg
装箱数量/Packing Quantity: 10只/PCS



MF12V9.0AH-1/YT9-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 9Ah
外形尺寸/Dimension: 150x86x107mm
实际重量/Weight: 2.68kg, 选2.55kg
装箱数量/Packing Quantity: 10只/PCS



MF12V9.0AH-2(太子)/12N9-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 9Ah
外形尺寸/Dimension: 136x77x132mm
实际重量/Weight: 2.75kg, 选2.65kg, 2.85kg
装箱数量/Packing Quantity: 10只/PCS



MF12V12AH/YT12-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 12Ah
外形尺寸/Dimension: 151.5x87x130mm
实际重量/Weight: 3.45kg, 选3.55kg
装箱数量/Packing Quantity: 8只/PCS



MF12V14AH/YT14-BS

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 14Ah
外形尺寸/Dimension: 132x89x163mm
实际重量/Weight: 3.65kg, 选3.45kg
装箱数量/Packing Quantity: 8只/PCS



DZM12V12AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 12Ah
外形尺寸/Dimension: 152x99x100mm
实际重量/Weight: 4.1kg
装箱数量/Packing Quantity: 4只/PCS



DZM12V20AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 20Ah
外形尺寸/Dimension: 180x76x170mm
实际重量/Weight: 6.15kg, 选6.55kg
装箱数量/Packing Quantity: 4只/PCS



DZM12V25AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 25Ah
外形尺寸/Dimension: 215x77x174mm
实际重量/Weight: 7.2kg
装箱数量/Packing Quantity: 4只/PCS



DZM12V28AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 28Ah
外形尺寸/Dimension: 215x77x174mm
实际重量/Weight: 7.8kg
装箱数量/Packing Quantity: 4只/PCS



EVF12V30AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 30Ah
外形尺寸/Dimension: 223x93x174mm
实际重量/Weight: 8.1kg, 选8.5kg
装箱数量/Packing Quantity: 4只/PCS



EVF12V35AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 35Ah
外形尺寸/Dimension: 223x93x174mm
实际重量/Weight: 9.8kg, 选9.0kg
装箱数量/Packing Quantity: 4只/PCS



EVF12V32AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 32Ah
外形尺寸/Dimension: 223x105x174mm
实际重量/Weight: 9.5kg
装箱数量/Packing Quantity: 2只/PCS



EVF12V38AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 38Ah
外形尺寸/Dimension: 223x105x174mm
实际重量/Weight: 11.5kg
装箱数量/Packing Quantity: 2只/PCS



EVF12V40AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 40Ah
外形尺寸/Dimension: 223x122x177mm
实际重量/Weight: 11.2kg
装箱数量/Packing Quantity: 2只/PCS



EVF12V45AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 45Ah
外形尺寸/Dimension: 223x122x177mm
实际重量/Weight: 12.8kg
装箱数量/Packing Quantity: 2只/PCS



EVF12V50AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 50Ah
外形尺寸/Dimension: 223x151x178mm
实际重量/Weight: 14kg
装箱数量/Packing Quantity: 2只/PCS



EVF12V58AH

额定电压/Rated Voltage: 12V
额定容量/Rated Capacity: 58Ah
外形尺寸/Dimension: 223x151x178mm
实际重量/Weight: 16kg
装箱数量/Packing Quantity: 2只/PCS



产品特点 Features

- ☆ 设计浮充使用寿命18年；
- ☆ 严格的过程控制，产品一致性好；
- ☆ L形的端子结构设计，使密封性能安全可靠；
- ☆ 进口气相二氧化硅，独特的加胶工艺，无电解液分层；
- ☆ 极低的板栅腐蚀速率及水损耗速度，使工作寿命更长；
- ☆ 过量电解质，热容量大、散热性能好，工作温度范围广。
- ☆ Designed float service life is 18 years;
- ☆ Strict process control and good product consistency;
- ☆ L-shaped terminal structure design makes the sealing performance safe and reliable;
- ☆ Imported fumed silica, unique gelling process, no electrolyte stratification;
- ☆ Extremely low grid corrosion rate and water loss rate, making the working life longer;
- ☆ Excess electrolyte, large heat capacity, good heat dissipation performance, and wide operating temperature range.

应用领域 Application areas

- ☆ UPS/EPS电源；
- ☆ 风能、太阳能储能系统；
- ☆ 电力、通信直流操作系统。
- ☆ UPS/EPS power supply;
- ☆ Wind energy and solar energy storage system;
- ☆ Electric power and communication DC operating system.

电池型号 Model	电压(V) Voltage(V)	容量(Ah) Capacity(Ah)	重量(kg) Weight ± 3%(KG)	外形尺寸(mm) Dimension ± 2(mm)				端子形式 Terminal form	端子排列方式 Terminal arrangement
				长Length	宽Width	高Height	总高Total height		
GEL2V100AH	2	100	5.6	171	72	204	209	F14	Mode 5
GEL2V200AH	2	200	11.2	170	106	330	340	F18	Mode 7
GEL2V300AH	2	300	17.3	171	150	335	345	F18	Mode 7
GEL2V400AH	2	400	24.5	210	170	335	337	F18	Mode 8
GEL2V500AH	2	500	29.6	240	170	325	338	F18	Mode 8
GEL2V600AH	2	600	35.7	300	175	330	340	F18	Mode 8
GEL2V800AH	2	800	50.0	405	175	330	340	F18	Mode 9
GEL2V1000AH	2	1000	64.3	475	170	330	340	F18	Mode 9
GEL2V1500AH	2	1500	93.8	400	350	345	382	F28	Mode 10
GEL2V2000AH	2	2000	128.5	490	350	345	382	F18	Mode 11
GEL2V3000AH	2	3000	183.6	710	350	340	383	F18	Mode 11

不同颜色，不同容量，不同尺寸，不同要求，欢迎订制！
Different colors, different capacities, different sizes, different requirements, welcome to order!

不同颜色，不同容量，不同尺寸，不同要求，欢迎订制！
Different colors, different capacities, different sizes, different requirements, welcome to order!



产品特点 Features

- ☆ 设计浮充使用寿命15年;

☆ 严格的过程控制，产品一致性好;

☆ 独特的密封技术，确保极低的爬酸机率;

☆ 进口气相二氧化硅，独特的加胶工艺，无电解液分层;

☆ 极低的板栅腐蚀速率及水损耗速度，使工作寿命更长;

☆ 过量电解质，热容量大、散热性能好，工作温度范围广。
- ☆ Designed float charging service life is 15 years;

☆ Strict process control, good product consistency;;

☆ Unique sealing technology ensures extremely low probability of acid creep;

☆ Imported fumed silica, unique gelling process, no electrolyte stratification;

☆ Extremely low grid corrosion rate and water loss rate, making the working life longer;

☆ Excess electrolyte, large heat capacity, good heat dissipation performance, and wide operating temperature range.

应用领域 Application areas

- ☆ UPS/EPS电源;

☆ 电力、通信系统;

☆ 风能、太阳能储能系统。
- ☆ UPS/EPS power supply;

☆ Power and communication system;

☆ Wind energy, solar energy storage system.

电池型号 Model	电压(V) Voltage(V)	容量(Ah) Capacity(Ah)	外形尺寸(mm) Dimension ± 2(mm)	重量 Weight ± 3%(KG)	端子形式 Terminal form	端子排列方式 Terminal arrangement
GEL12V18AH	12	18	180.5x76.5x167.1x167.1	5.1	F6	Mode3
GEL12V20AH	12	20	180.5x76.5x167.1x167.1	5.4	F6	Mode3
GEL12V24AH(W)	12	24	174x166x126x126	7.3	F7	Mode3
GEL12V24AH(L)	12	24	165x126x176x176	6.9	F6	Mode3
GEL12V33AH	12	33	192x128x165x180	9.6	F8/20	Mode6
GEL12V38AH	12	38	196x165x174x174	11.9	F9/21	Mode3
GEL12V65AH	12	65	349x163x175x175	19.4	F11	Mode6
GEL12V75AH	12	75	260x167x210x215	22.2	F11	Mode6
GEL12V90AH	12	90	306x168x210x215	28.6	F13	Mode6
GEL12V100AH	12	100	331x173x217x224	28.8	F13	Mode6
GEL12V120AH	12	120	406x173x215x233	32.6	F15/22	Mode6
GEL12V150AH	12	150	482x171x240x240	41.8	F16/23	Mode6
GEL12V200AH	12	200	523x240x223x226	55.1	F24	Mode2

HR系列蓄电池是高倍率型铅酸蓄电池。采用CCDR冲压，具有密度高、耐腐蚀、一致性好的特点。此外，板栅的高锡多元合金及特殊铅膏配方提高了板栅的耐腐蚀性能。3D结构的设计，使板栅拥有更大的表面积，有利于活性材料粘附，有效延长电池使用寿命。运用先进的铸焊、穿壁焊热封工艺，使得电池具有内阻低、功率密度高等特点，因此该系列产品在15分钟高功率放电的情况下，可比普通AGM电池多输出15~25%的功率，从而用户可降低配置所需电池数量或规格，减少初期投资。外壳采用高强度ABS材料，提升使用安全性。HR系列高功率型蓄电池可广泛应用于IDC数据中心，不间断电源系统(UPS)等多个场景，为您提供卓越的使用体验。



HR series batteries are high-rate lead-acid batteries. Using CCDR stamping, it has the characteristics of high density, corrosion resistance and good consistency. In addition, the grid's high-tin multi-component alloy and special lead paste formula improve the corrosion resistance of the grid. The design of the 3D structure gives the grid a larger surface area, which is conducive to the adhesion of active materials and effectively extends the service life of the battery. Using advanced casting welding, through-wall welding and heat sealing processes, the battery has the characteristics of low internal resistance and high power density. Therefore, this series of products can output 15~25% more than ordinary AGM batteries under high power discharge for 15 minutes. power, so users can reduce the number or specifications of batteries required for configuration and reduce initial investment. The shell is made of high-strength ABS material to improve safety. HR series high-power batteries can be widely used in IDC data centers, uninterruptible power systems (UPS) and other scenarios, providing you with an excellent usage experience.

电池型号 Model	外形尺寸(mm) Dimension ± 2(mm)				重量 Weight ± 3%(KG)	扭力矩 Torque	端子形式 Terminal form	端子排列方式 Terminal arrangement
	长(L)	宽(W)	高(H)	总高(TH)				
HR12V17AH	180.5	76.5	167.1	167.1	4.5kg	2-3	F6	Mode3
HR12V24AH(卧)	174	166	126	126	7.2kg	2-3	F7	Mode3
HR12V24AH(立)	165	126	176	176	6.75kg	4-6	F6	Mode3
HR12V33AH	192	128	165	180	9.4kg	4-6	F8/20	Mode6
HR12V38AH	196	165	174	174	11.7kg	4-6	F9/21	Mode3
HR12V55AH	226	138	210	215	16.2kg	4-6	F11	Mode6
HR12V65AH	349	163	175	175	19kg	8-10	F11	Mode6
HR12V75AH	260	167	210	215	21.8kg	8-10	F11	Mode6
HR12V90AH	306	168	210	215	28kg	10-12	F13	Mode6
HR12V100AH	331	173	217	224	28.2kg	10-12	F13	Mode6
HR12V120AH	406	173	215	233	32kg	10-12	F15/22	Mode6
HR12V150AH	482	171	240	240	41kg	10-12	F16/23	Mode6
HR12V200AH	523	240	223	226	54kg	10-12	F24	Mode2



产品特点 Features

- ☆ 采用独特的铅膏配方及工艺设计
 - ☆ 高品质的原材料, 确保自放电极小
 - ☆ 深循环应用设计, 具有高能量密度
 - ☆ 具有优异的循环性能和过放电恢复能力。
- ☆ Adopting unique lead paste formula and process design.
 - ☆ High-quality raw materials ensure minimal self-discharge.
 - ☆ Designed for deep cycle applications with high energy density.
 - ☆ It has excellent cycle performance and over-discharge recovery ability.

应用领域 Application areas

- 控制系统, 电动玩具, 应急灯, 电动工具, 报警系统, 应急照明系统, 备用电力电源, UPS, 电力系统, 电信设备, 消防和安全防卫系统, 铁路系统以及发电站等。
- Control systems, electric toys, emergency lights, power tools, alarm systems, emergency lighting systems, backup power supplies, UPS, power systems, telecommunications equipment, fire protection and security systems, railway systems and power stations, etc.

电池型号 Model	电压(V) Voltage(V)	容量(Ah) Capacity(Ah)	外形尺寸(mm) Dimension ± 2(mm)	重量 Weight ± 3%(KG)	端子形式 Terminal form	端子排列方式 Terminal arrangement
DC6V225AH	6	225	330x180x223x228	30	F17	Mode4
DC12V18AH	12	18	180.5x76.5x167.1x167.1	5.0	F6	Mode3
DC12V20AH	12	20	180.5x76.5x167.1x167.1	5.3	F6	Mode3
DC12V24AH(W)	12	24	174x166x126x126	7.2	F7	Mode3
DC12V24AH(L)	12	24	165x126x176x176	6.75	F6	Mode3
DC12V33AH	12	33	192x128x165x180	9.4	F8/20	Mode6
DC12V38AH	12	38	196x165x174x174	11.7	F9/21	Mode3
DC12V65AH	12	65	349x163x175x175	19	F11	Mode6
DC12V75AH	12	75	260x167x210x215	21.8	F11	Mode6
DC12V90AH	12	90	306x168x210x215	28	F13	Mode6
DC12V100AH	12	100	331x173x217x224	28.2	F13	Mode6
DC12V120AH	12	120	406x173x215x233	32	F15/22	Mode6
DC12V150AH	12	150	482x171x240x240	41	F16/23	Mode6
DC12V200AH	12	200	523x240x223x226	54	F24	Mode2

阀控密封式 铅酸蓄电池使用说明书

表1 充电

使用方法	环境温度:25℃							
	浮充使用				循环使用			
充电电压(V)	2V	4V	6V	12V	2V	4V	6V	12V
	2.25~2.3	4.5~4.6	6.8~6.9	13.5~13.8	2.4~2.5	4.8~5.0	7.2~7.5	14.4~15.0
最大充电电流(A)	0.1C~0.25C							

注:

- 1) C表示蓄电池额定容量的AH数值;
- 2) 在温度为15℃以下或35℃以上时, 以25℃为起点, 每变化1℃时, 充电电压调整-3mV/单格(浮充)或-4mV/单格(循环);
- 3) 充电时电池温度要控制在-15℃~50℃之间;
- 4) 电池放电放电后, 应立即补充电, 不允许电池在亏电状态下长期搁置。

电池使用注意事项

- 1) 使用前必须检查电池外观;
- 2) 储存电池在阴凉处(温度不在超过20℃);
- 3) 存放期超过三个月的电池应适当补充电;
- 4) 充电时要在通风良好的环境中进行;
- 5) 定期测量电池充电电压是否在表1范围内;
- 6) 电池应牢固地安装在设备机箱内;
- 7) 触及电池导电体时, 可能会引起电击, 因此检查或修理电池时, 应戴橡胶手套。

VALVE REGULATED LEAD ACID BATTERY INSTRUCTION

Sheet 1 CHARGE

Usage	For Float Charge				For Cycle Use			
	2V	4V	6V	12V	2V	4V	6V	12V
Charging Voltage/V	2.25~2.3	4.5~4.6	6.8~6.9	13.5~13.8	2.4~2.5	4.8~5.0	7.2~7.5	14.4~15.0
Max Charging Current/A	0.1C~0.25C							

Note:

- 1) C means Ah value of battery's rated capacity.
- 2) When ambient temperature is below 15℃ or above 35℃, the recommended compensation factor is -3mV/℃/cell (Floating Charge) or -4mV/℃/cell (Cycle) with 25℃ as the starting point.
- 3) Battery temperature in charging should be in the range of -15℃~50℃
- 4) After the battery is discharged, it should be recharged immediately. Do not allow the battery to be left idle for a long time in a depleted state.

Attentions

- 1) Examine the appearance of the battery before use.
- 2) Store the battery in a cool place (best below 20℃ or 68°F).
- 3) Recharge the battery that has been stored more than 3 months.
- 4) Charge the battery in a well-ventilated environment.
- 5) Regularly survey batteries' charging voltage to make sure it in the range of Sheet 1.
- 6) Secure the battery firmly installed in equipments.
- 7) Touching battery conductors may cause electric shock, so wear rubber gloves when inspecting or repairing batteries.

表2 放电电流及放电终止电压

环境温度:25℃

放电电流(A)	放电终止电压			
	2V系列	4V系列	6V系列	12V系列
0.1C以下(含0.1C)	1.75V	3.5V	5.25V	10.5V
0.1C以上, 1C以下	1.7V	3.4V	5.1V	10.2V
1C以上(含1C)	1.6V	3.2V	4.8V	9.6V

注:

- 1)放电终止电压依电源的大小而改变，大体如上所述，注意放电时，电压不得低于表中所对应的电压;
- 2)放电后请迅速充电，如不小心过放电后，请立即充电，否则电池有失效的危险;
- 3)放电时请将电池温度控制在-15℃-50℃之间。

电池使用禁止事项

- 1)将电池短路;
- 2)将电池放在密封箱内使用;
- 3)拆开电池;
- 4)野蛮装卸电池;
- 5)使用破裂电池或漏液的电池;
- 6)过度震动或摇晃电池;
- 7)不同批次电池混用;
- 8)容量不同电池或旧品与新品或不同型号电池混合使用。

Sheet 2 DISCHARGE | Discharge Current and Discharge End Voltage

Ambient Temperature:25℃

Discharge Current/A	Discharge End Voltage			
	2V Series	4V Series	6V Series	12V Series
0.1C or below	1.75V	3.5V	5.25V	10.5V
From 0.1C to 1C	1.7V	3.4V	5.1V	10.2V
Above:1.C	1.6V	3.2V	4.8V	9.6V

Note:

- 1) See above table, Final discharge voltage should vary with the change of discharge current. When discharge, voltage must not be lower than its corresponding Final discharge voltage.
- 2) Immediate charge after discharge or over discharge for retaining battery life.
- 3) Battery temperature in discharge should be in the range of -15℃~50℃.

Prohibitions

- 1) Short circuit the battery.
- 2) Use the battery in an airtight cabinet.
- 3) Dissect the battery.
- 4) Load and unload the battery roughly.
- 5) Attempt to use a cracked, deformed, or leaky battery.
- 6) Subject the battery to excess vibration or violent jolts.
- 7) Mixed use different batches of the battery.
- 8) Batteries of different capacities or old batteries mixed with new batteries or batteries of different models.

Note:

1.Longer cycle lifespan. Deep cycle power rechargeable lithium batteries with over 2000cycles.



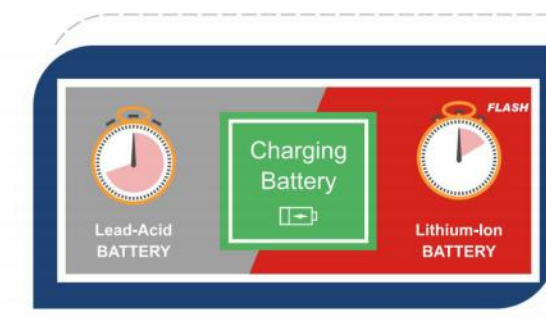
3.Power rate is more larger and weight is more light. Lithium-ion batteries weigh about 45% less than lead acid batteries.



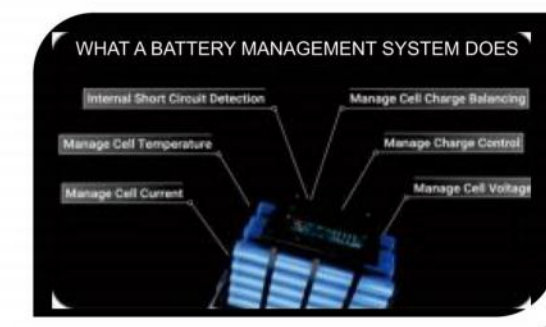
5.Suitable for large current discharge. Lithium batteries have protection circuits inside, even if they are discharged with a large current, they are also protected.



2.Shorter charging time after discharge. The lithium batteries have the characteristics of high current charging, so the charging time is faster.



4.internal Battery Management System. BMS helps to maximize battery life and minimize downtime.



6.Built in Bluetooth for easy battery monitoring. Display charge and discharge current, battery status, battery temperature, etc., are packaged and transmitted through the Bluetooth module for statistical data, which is convenient for collection or remote transmission.



1. Medical Equipment 医疗设备



2. UPS/EPS 机房



3. Camper/RV/Marine 房车/游艇



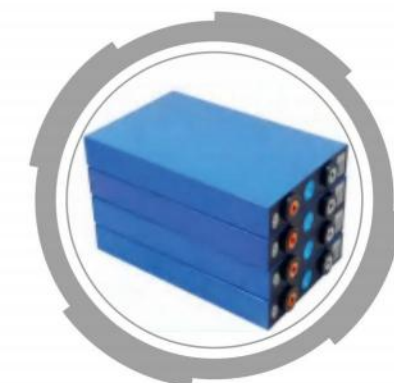
4. Storage Power systems 储能系统



5. Motive Power System 动力系统



常用后备锂电池 General Standby Backup Lithium Battery								
Model	Voltage(V)	Capacity(Ah)	BMS(A)	Length(mm)	Wide(mm)	Height(mm)	Weight (Kg)	Terminal
12.8-8	12.8	8	8	151	65	65	1.20	F1
12.8-12	12.8	12	12	151	99	99	2.00	F2
12.8-20	12.8	20	20	181	175	175	2.80	M5
12.8-30	12.8	30	30	166	125	125	4.2	M5
12.8-40	12.8	40	40	196	175	175	5.75	M6
12.8-45	12.8	45	45	196	175	175	7.52	M6
12.8-50	12.8	50	50	257	200	200	8.12	M6
12.8-55	12.8	55	55	257	227	227	8.12	M6
12.8-60	12.8	60	60	260	209	209	8.82	M6
12.8-65	12.8	65	65	260	209	209	9.30	M6
12.8-75	12.8	75	75	260	209	209	10.8	M6
12.8-80	12.8	80	80	260	209	209	11.30	M6
12.8-100	12.8	100	100	330	214	214	13.60	M8
12.8-110	12.8	110	110	307	208	208	12.10	M8
12.8-120	12.8	120	120	407	235	235	15.50	M8
12.8-135	12.8	135	135	330	214	214	14.50	M8
12.8-150	12.8	150	150	483	241	241	16.50	M8
12.8-200	12.8	200	150	522	219	219	29.60	M8
12.8-250	12.8	250	150	522	219	219	33.00	M8
12.8-300	12.8	300	200	522	219	219	33.00	M8



LiFePO4电池在应用中广泛用于替代VRLA电池。UPS、太阳能、风能、报警、应急等。电池由磷酸铁锂电池 (LiFePo4) 制成，使其安全稳定。自主研发，采用磷酸铁锂材料体系，安全性好，一致性高。

在80%DOD下，循环寿命超过3000次，无火灾，无爆炸。它具有过压、低压、过流、过温、低温和短路保护。支持蓝牙通信，适用于Android和iPhone的APP。

LiFePO4 batteries are widely used to replace VRLA batteries in applications like UPS, Solar, Wind, Alarm, Emergency, etc. The batteries are built of Lithium-ironphosphate cell (LiFePo4) which makes them safe and stable. Independent research and development, using lithium iron phosphate material system, good safety, high consistency.

The cycle life is over 3000 times at 80% DOD, with no fire, and no explosion. And it have over-voltage, low voltage, over-current, over-temperature, low temperature, and short circuit protection. With Bluetooth communication. APP for Android and iPhone.



前端子电池可以有效降低长窄前端子型电池单体结构在串联工艺中的实施难度。提高单体焊接面积和质量，改善电池内部更多单体结构。使电池罐、电池盖密封方式在工艺之间结合可靠性、稳定性。保证产品性能。

Front terminal batteries can effectively reduce the implementation difficulty of long and narrow front terminal battery cell structures in series processes. Improve the welding area and quality of individual cells, and enhance the internal structure of more individual cells in the battery. Ensure the reliability and stability of sealing method for battery cans and battery covers between processes. Ensure product performance.

Front Terminal Series 前端子电池系列							
Model	Voltage(V)	Capacity(Ah)	BMS(A)	Length(mm)	Wide(mm)	Height(mm)	Terminal
FT12110	12.8	110	150	395	110	290	M8
FT12135	12.8	135	150	395	110	290	M8
FT12150	12.8	150	150	551	110	288	M8
FT12225	12.8	225	200	560	125	316	M8
FT12250	12.8	250	200	560	125	316	M8
FT12300	12.8	300	200	560	125	316	M8



需要大容量但空间有限?

超薄锂电池的设计薄如“刀片”，使其成为理想的超薄锂电池，在空间最狭小的情况下，可以安装其他LiFePO4电池无法安装的地方。

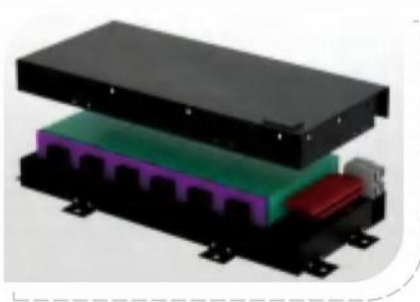
超薄磷酸铁锂的最小厚度仅为5cm，因此您可以将其安装在座椅后面或下面。它非常适合与大篷车、露营拖车、房车一起使用，并为露营冰箱和12V灯等提供可靠的能源。

In need of high capacity but limited in space?

The Vution ultra-thin lithium battery is designed as thin as a "blade", making it an ideal ultra-thin lithium iron battery. In the most confined spaces, it can be installed where other LiFePO4 batteries cannot.

The minimum thickness of ultra-thin lithium iron phosphate is only 5 cm, so you can install it behind or under the seat. It is ideal for use with caravans, camping trailers, RVs, and provides reliable energy for camping refrigerators and 12V lights.

超薄型系列 Slim line Series						
Model	Voltage(V)	Capacity(Ah)	BMS(A)	Length(mm)	Height(mm)	Thickness(mm)
SL12110	12.8	110	150	770	285	50
SL12135	12.8	135	150	770	285	63
SL12150	12.8	150	150	770	285	68
SL12200	12.8	200	200	770	285	82
SL12225	12.8	225	200	770	285	92
SL12250	12.8	250	200	770	285	103
SL12300	12.8	300	200	770	285	113



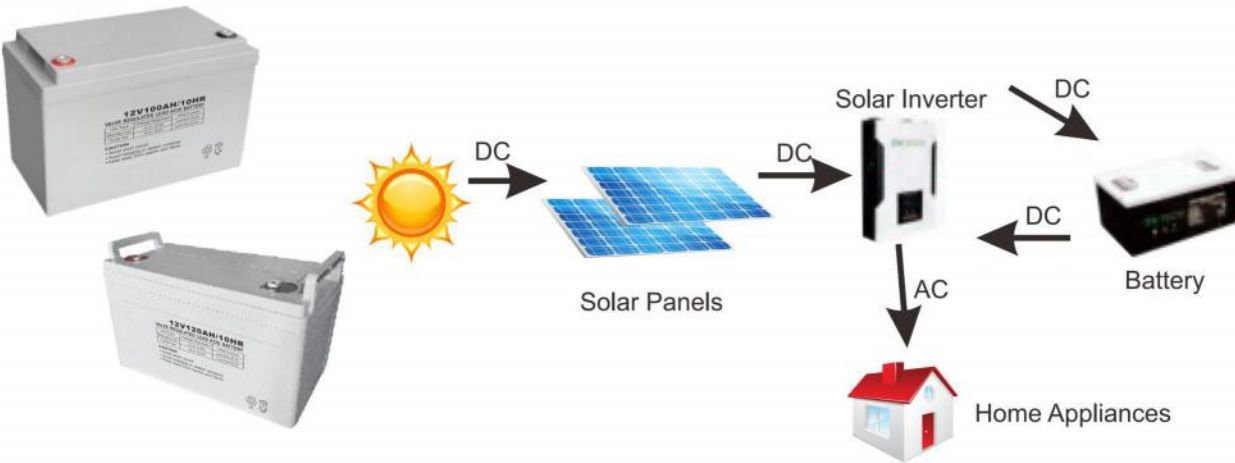
太阳能电池组是一种储存能量的太阳能存储系统。它是由您的系统产生的，而不是将其送回电网，以便您以后使用。当您的设备不产生任何能量时，例如天黑后或阴天，您可以利用太阳能电池库中的这些能量储备。

电池是清洁能源未来的关键组成部分，因为它们能够将可变的能源供应与能源需求相匹配。太阳能电池的经济性非常合理，储存的太阳能越多，从公用事业公司购买的能源就越少。

A solar battery pack is a solar energy storage system that stores energy. It is generated by your system, not sent back to the grid for your future use. When your device does not generate any energy, such as after dark or on cloudy days, you can utilize the energy reserves in the solar cell library.

Batteries are a key component of the future of clean energy, as they can match variable energy supply with energy demand. The economy of solar cells is very reasonable, as the more solar energy stored, the less energy purchased from utility companies.

太阳能储能锂电池 Solar Energy Storage Lithium Battery								
Model	Voltage(V)	Capacity(Ah)	BMS(A)	Length(mm)	Wide(mm)	Height(mm)	Weight (Kg)	Terminal
12.8-50	12.8	50	50	257	132	200	8.12	M6
12.8-100	12.8	100	100	330	172	214	13.60	M8
12.8-150	12.8	150	150	483	170	241	16.50	M8
12.8-200	12.8	200	200	522	240	219	29.60	M8
25.6-50	25.6	50	50	260	168	208	13.10	M8
25.6-100	25.6	100	100	410	177	225	26.20	M8
25.6-200	25.6	200	200	522	268	224	52.50	M8



锂动力电池具有高效、长寿命、高性能等特点。在游艇、房车、高尔夫球车、观光车等领域享有良好声誉。LiFePO4电池储存的电能是传统电池的三到四倍。

Lithium power batteries have the characteristics of high efficiency, long lifespan, and high performance. It has a good reputation in the fields of yachts, RVs, golf carts, sightseeing cars, etc. LiFePO4 batteries store three to four times more electricity than traditional batteries.



动力电池 Motive Power Battery								
Model	Voltage(V)	Capacity(Ah)	BMS(A)	Length(mm)	Wide(mm)	Height(mm)	Weight (Kg)	Terminal
12.8-80	12.8	80	80	240	230	220	12	M6
12.8-100	12.8	100	100	330	172	214	13.5	M8
12.8-150	12.8	150	150	483	170	241	20	M8
12.8-200	12.8	200	200	522	239	217	25	M8
25.6-80	25.6	80	80	380	230	220	24	M8
25.6-100	25.6	100	100	522	240	219	25.2	M8
25.6-150	25.6	150	150	350	230	200	20	M8
25.6-200	25.6	200	200	420	230	230	36	M8
38.4-50	38.4	50	50	484	170	241	25.6	M8
38.4-100	38.4	100	100	520	260	220	35	M8
48-50	48	50	50	520	260	220	26	M8
48-100	48	100	100	520	260	220	40	M8

- 特征:
- 1.快速充电: 安全智能充电, 随时充电, 不影响电池寿命。
 - 2.免维护: 无需定期对电池进行充放电维护。
 - 3.模块化设计, 易于安装: 现场安装可在30分钟内完成。
 - 4.环保: 成分中不含重金属。

- Features:
1. Fast charging: Safe and intelligent charging, charging at any time without affecting battery life.
 2. Maintenance free: No need to regularly charge and discharge the battery for maintenance.
 3. Modular design, easy to install: on-site installation can be completed within 30 minutes.
 4. Environmental protection: The ingredients do not contain heavy metals.

UPS Rack-mounted lithium iron phosphate battery
UPS机架式磷酸铁锂电池

Rack-mounted home energy storage	
Battery specifications	51.2V 50Ah-200Ah
Power	2.5kwh/5kwh/10kWh
Terminal type	M8-Screw/GRD 006M-CB-RD
Communication mode	RS485/CAN



Rack-mounted High-voltage Energy Storage
机架式高压储能

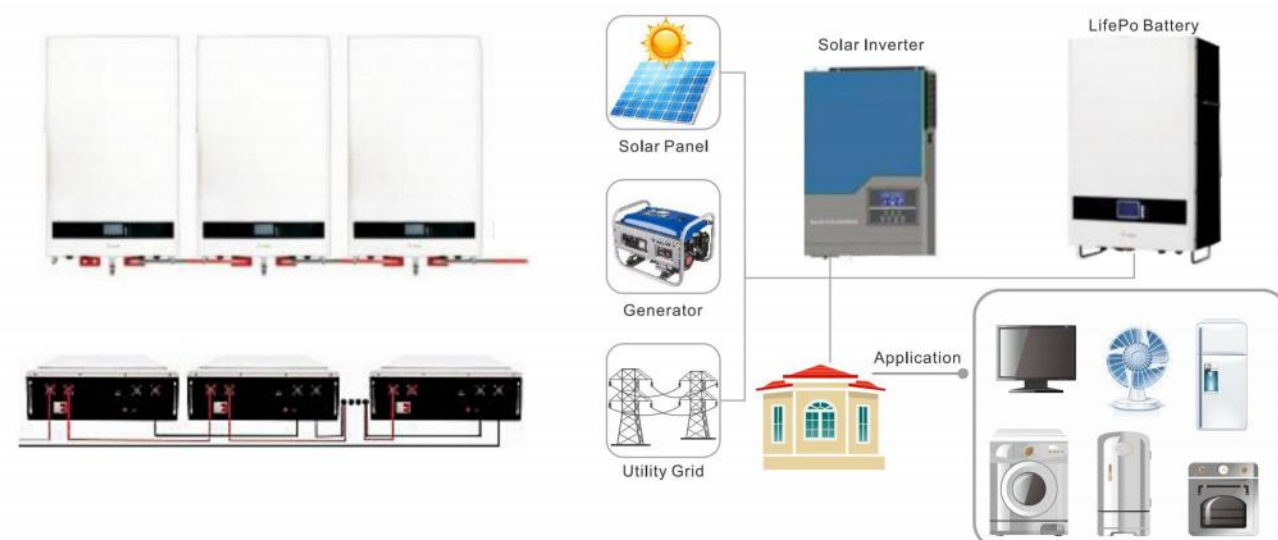
Rack-mounted home energy storage	
Battery specifications	102.4V 50Ah/80Ah/102Ah
Power	20kWh-100kwh
Charging current	16A-40A
Inverter	10kW/20KW/30kW
Output voltage	380V 3Phase

High voltage inverter integrated system
高压变频器集成系统



壁挂式家用储能

Wall mounted household energy storage	
Specifications	51.2V 100Ah/51.2V 200Ah
Charging current	50A
Discharge current	100A
Size(mm)	600*400*230mm/850*500*165mm
Size supports parallel connection of batteries	SUPPORT
Communication mode	RS485/CAN



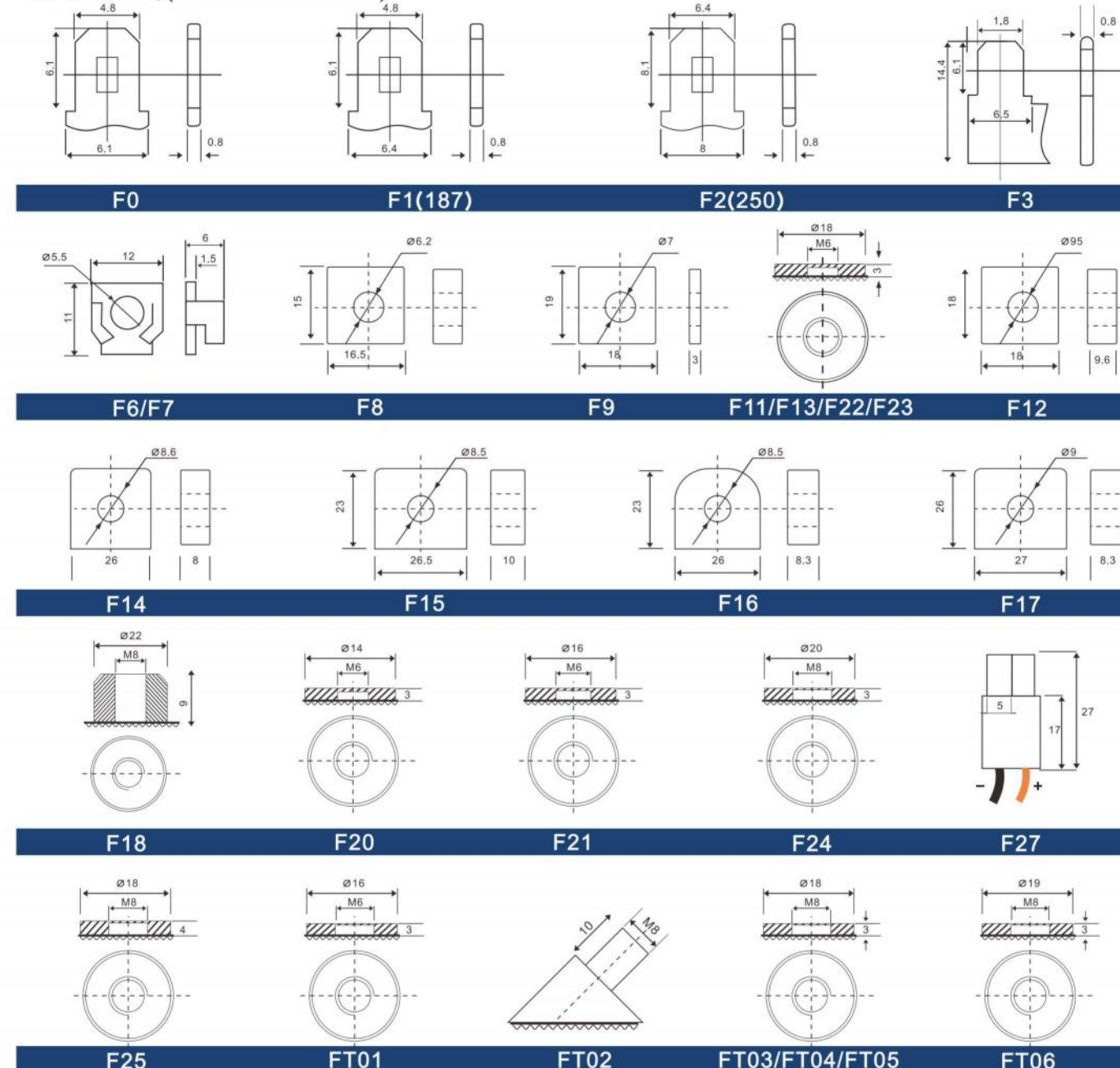
电池与独立逆变器的并联

Parallel connection of battery and independent inverter

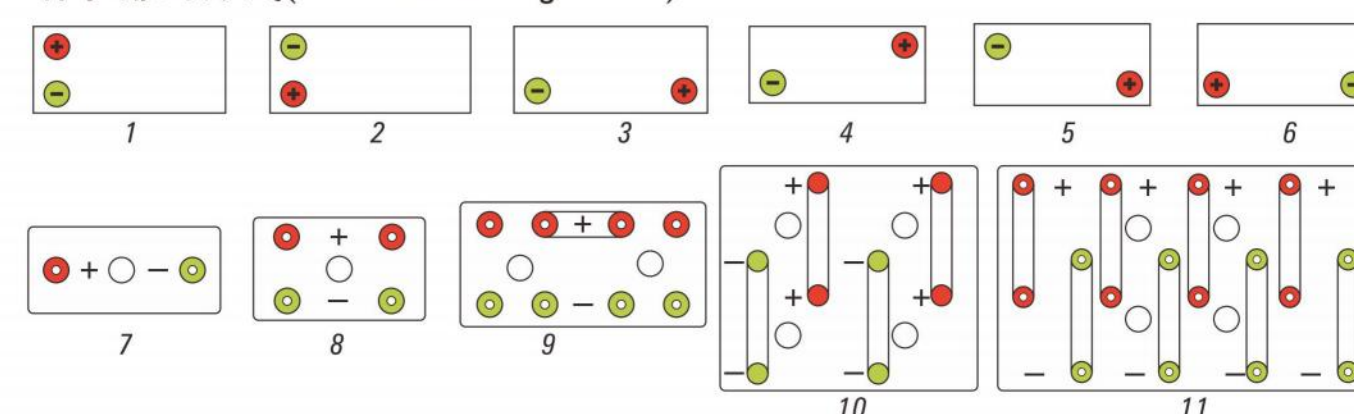
兼容各种品牌和规格的变频器

Compatible with inverters of various brands and specifications

端子形式(Terminal form)



端子排列方式(Terminal arrangement)



Compatible with 20+ Mainstream Brand of Global Inverter 与全球变频器20t主流品牌兼容



20+ inverter protocols can
be selected on the display
显示屏上可选择20多种逆变器协议



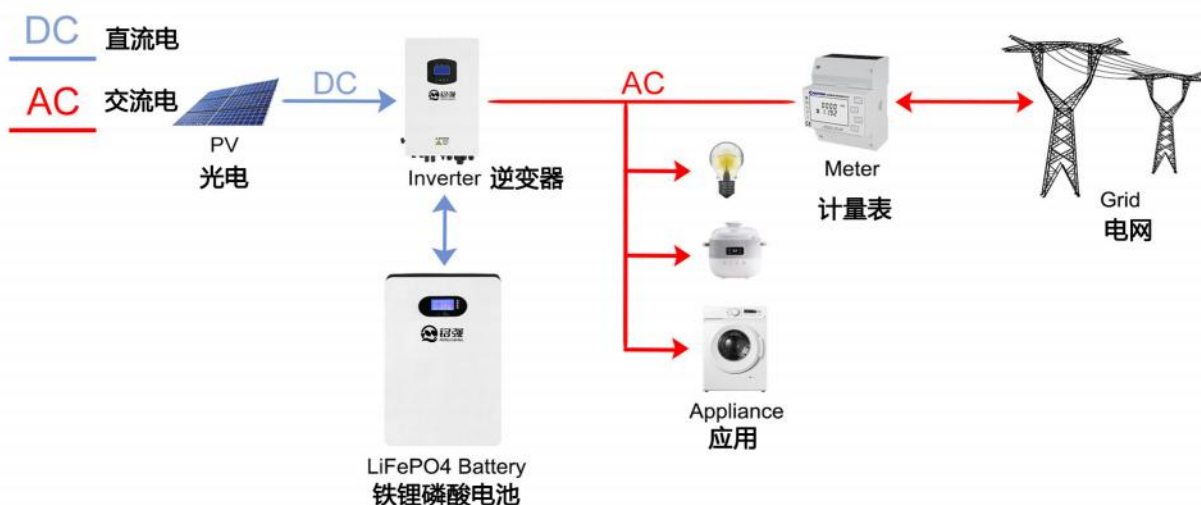
Support 15 in parallel
支持并行15个



Long cycle life
长循环寿命



Ultra slim design
超薄设计



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壁挂式(分体)家用储能
MINGQIANG Wall Mounted (split) Household Energy Storage

	51.2V100Ah	51.2V100Ah	51.2V200Ah
Model	IYP- WM51100A-T1	IYP- WM51100A-A1	IYP- WM51200A-A1
Battery Style	48/51.2V100Ah	48/51.2V100Ah	48/51.2V200Ah
Energy	4.8KWh/ 5.12KWh	4.8KWh/ 5.12KWh	9.6KWh/ 10.24KWh
Nominal Voltage	48/51.2V	48/51.2V	48/51.2V
Rated Capacity	100Ah	100Ah	200Ah
End-of-charge Voltage	54.0V/58.0V		
End-of-discharge Voltage	39.0/42.0V		
Standard Charge Current	50A		
Max. Charge Current	100A		
Standard Discharge Current	100A		100A (200A)
Max. Discharge Current	100A	100A	100A (200A)
Max. Peak Current	200A		
Charge/ Discharge Interface	Quick plug terminal	M8 Terminal	
Communication Interface	RS485/ CAN		
Shell Material/ Color	Metal/ (White + Black)		
Size	770*520*90mm	590*410*145mm	850*466*145mm
Weight	42/44Kg	43/45Kg	79/84Kg
Work Temperature Range	Charge: 0°C-50°C Discharge: -15°C-60°C		

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SUPPORT CUSTOMIZATION, AND ON-DEMAND CUSTOMIZATION

All-In-One ESS (Integrated Battery & Inverter) Dual Mode: Wall Mount and Floor Mount

一体化ESS (综合的电池和逆变器)
双模式:壁挂式和落地式



All-In-One
(Battery & Inverter)
一体机 (电池+逆变器)



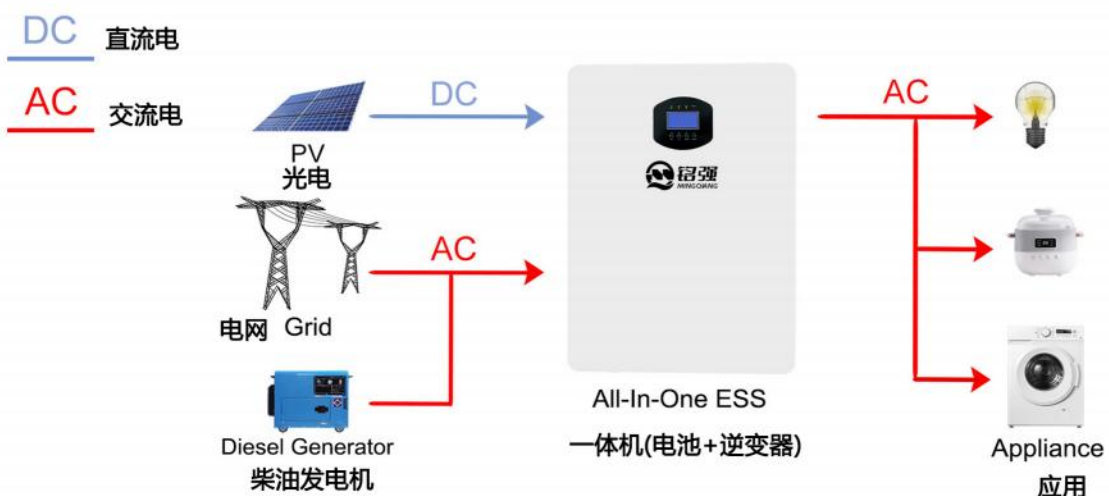
Support AC charge
and PV charge
支持交流充电和光伏充电



High integration and
easy installation
集成度高, 安装方便



Support UPS function
支持UPS功能



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壁挂式(一体)家用储能
MINGQIANG Wall Mounted (ALL-in-One) Household Energy Storage

Battery + Inverter	1.28KWh+1KW	2.56KWh+3KW	5.12KWh+5KW	10.24KWh+10KW
Model	IYP-1K3A-1KF1-A1	IYP-2K5A-3KF1-A1	IYP-5K1A-5KF1-A1	IYP-10K2A-10KF1-A1
Battery				
Battery Type	LiFePO4 Battery			
Battery Energy	1.28KWh	2.56KWh	5.12KWh	10.24KWh
Nominal Voltage	12.8V	25.6V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	100Ah	200Ah
Voltage Range	11.0~14.0V	22.0~28.0V	42.0~57.0V	42.0~57.0V
PV				
Max. Power	600W	3000W	5500W	10.4KW(5200W*2)
Max. PV Voltage	150Vdc	450Vdc	500Vdc	500Vdc
MPPT Voltage Range	20~150Vdc	30~400Vdc	120~430Vdc	90~450Vdc
Max. PV Charge Current	40A	80A	80A	80A*2
AC Output				
Rated Power	1000W	3000W	5000W	10000W
AC Voltage	230Vac±5%			
AC Frequency	50Hz/60Hz			
Efficiency	≤93%	≤94%	≤94%	≤94%
Transfer time	10ms (for PC) 20ms (for Appliance)			
Waveform	Pure sine wave			
AC Input				
Rated AC Voltage	230Vac			
AC Voltage Range	170~280Vac(for PC) 90~280Vac(for Applis)			
Frequency Range	50Hz/60Hz(Auto sensing)			
General Parameters				
Altitude	≤2000m			
Humidity	5%~95%			
Work Temperature	-10℃~50℃			
Size (mm)	450*140*280	450*140*570	500*150*730	620*150*1300
Weight (kg)	25	32	58	105

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Flexible stacking
10KWh/ 15KWh/ 20KWh/ 25KWh/ 30KWh+5KW

堆叠式
10KWh/15KWh/20KWh/25KWh/30KWh 电池+5KW 逆变器



Without wire connection
无线连接



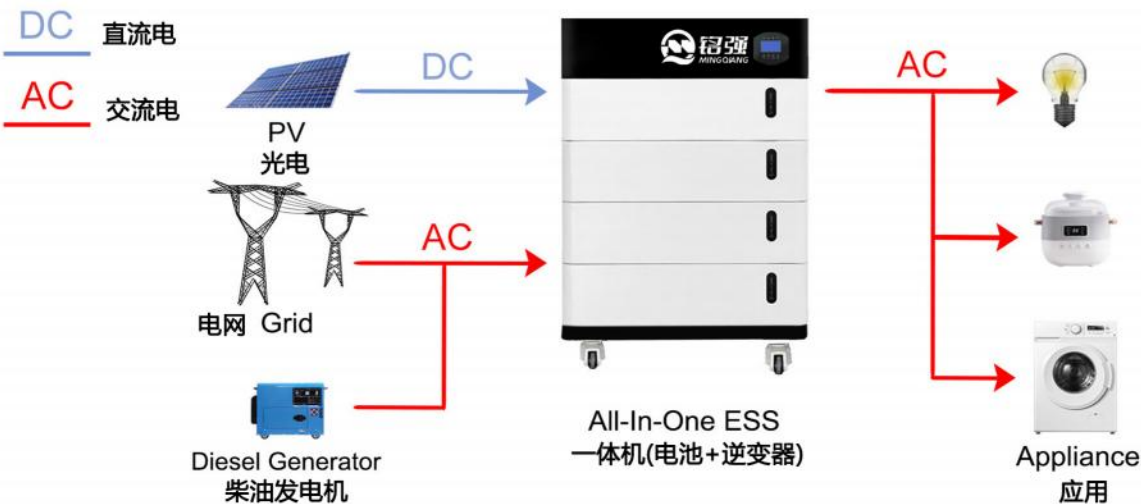
All-In-One
(Battery & Inverter)
一体机 (电池+逆变器)



Easy installation
安装方便



15 Levels protection
15级保护



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堆叠式家用储能
Stacked (ALL-in-One) Household Energy Storage

Battery + 5KW Inverter	10KWh+5KW	15KWh+5KW	20KWh+5KW	30KWh+5KW
Model	 IYP - 10KWH+5KF1-A1	 IYP - 15KWH+5KF1-A1	 IYP - 20KWH+5KF1-A1	 IYP - 30KWH+5KF1-A1
Battery				
Battery Voltage	51.2V			
Battery capacity	200Ah	300Ah	400Ah	600Ah
Charge voltage	58.0V			
Discharge cut-off voltage	42.0V			
Charge current	50A			
Max charge current	100A			
Discharge current	100A			
Max discharge current	150A			
Max peak current	300A			
Communication method	RS485/ CAN			
Inverter				
Power	5KW			
Output Voltage	230VAC			
Frequency	50Hz			
Input power (PV)	5KW			
Input voltage range (PV)	120~430VDC			
Communication connect port	RS485/ CAN/ WiFi			
General Parameters				
Material/ Colour	Metal/ White			
Size	585*360*610mm	585*360*760mm	585*360*915mm	585*360*1225mm
Weight	105Kg (about)	148Kg (about)	191kg (about)	234kg (about)
Temperature	Charge: 0℃-50℃ Discharge: -15℃-60℃			

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SUPPORT CUSTOMIZATION, AND ON-DEMAND CUSTOMIZATION

Flexible stacking
10KWh/ 15KWh/ 20KWh/ 25KWh/ 30KWh+10KW

堆叠式
10KWh/15KWh/20KWh/25KWh/30KWh 电池+10KW 逆变器



Without wire connection
无线连接



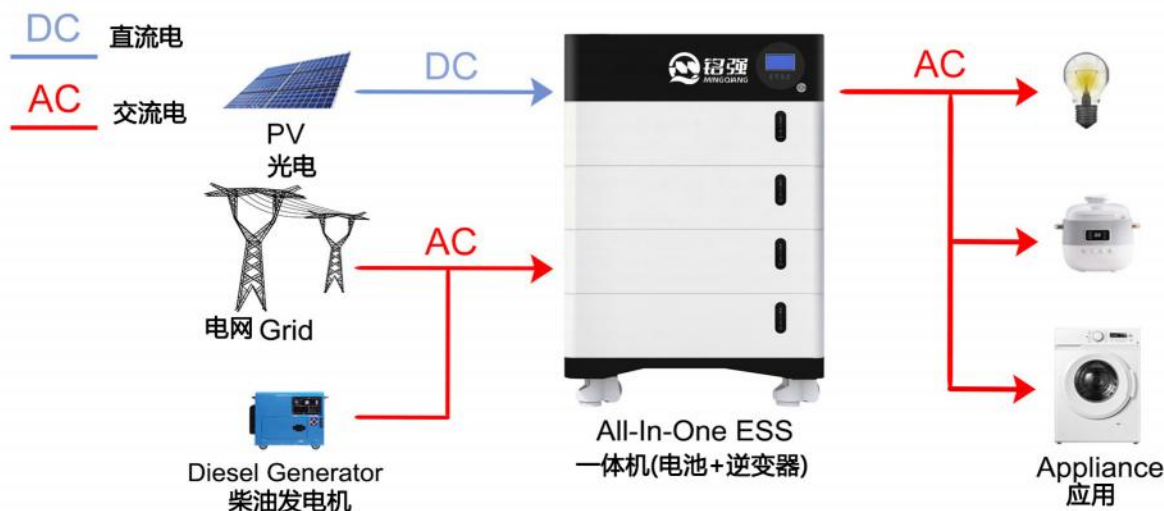
All-In-One
(Battery & Inverter)
一体机 (电池+逆变器)



Easy installation
安装方便



15 Levels protection
15级保护



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堆叠式家用储能
Stacked (ALL-in-One) Household Energy Storage

Battery + 10KW Inverter	10KWh+10KW	15KWh+10KW	20KWh+10KW	30KWh+10KW
Model	 IYP-10KWH+10KF1-A1	 IYP-5KWH+10KF1-A1	 IYP-20KWH+10KF1-A1	 IYP-30KWH+10KF1-A1
Battery				
Battery Voltage	51.2V			
Battery capacity	200Ah	300Ah	400Ah	600Ah
Charge voltage	58.0V			
Discharge cut-off voltage	42.0V			
Charge current	100A			
Max charge current	200A			
Discharge current	200A			
Max discharge current	220A			
Max peak current	300A			
Communication method	RS485/ CAN			
Inverter				
Power	10KW			
Output Voltage	230VAC±5%			
Frequency	50Hz/60Hz			
Input power (PV)	10500W			
Input voltage range (PV)	90~450VDC			
Communication connect port	RS485/ WiFi			
General Parameters				
Material/ Colour	Metal/ White			
Size	590*550*611mm	590*550*760mm	590*550*909mm	590*550*1058mm
Weight	113Kg (about)	155Kg (about)	197kg (about)	239kg (about)
Temperature	Charge: 0°C-50°C Discharge: -15°C-60°C			

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All-In-One ESS (Integrated Battery & Inverter) Dual Mode: Wall Mount and Floor Mount

一体化ESS (综合的电池和逆变器)
双模式:壁挂式和落地式



All-In-One
(Battery & Inverter)
一体机 (电池+逆变器)



Support AC charge
and PV charge
支持交流充电和光伏充电



High integration and
easy installation
集成度高, 安装方便



Support UPS function
支持UPS功能



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站立一体机家用储能
Standed (ALL-in-One) Household Energy Storage

Battery + Inverter	1.28KWh+1KW	2.56KWh+3KW	5.12KWh+3KW	5.12KWh+5KW	10.24KWh+10KW
Model	IYP-1K3A-1KF1-B1	IYP-2K5A-3KF1-B1	IYP-5K1A-3KF1-B1	IYP-5K1A-5KF1-B1	IYP-10K2A-10KF1-B1
Battery					
Battery Type	LiFePO4 Battery				
Battery Energy	1.28KWh	2.56KWh	5.12KWh	5.12KWh	10.24KWh
Nominal Voltage	12.8V	25.6V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	100Ah	100Ah	200Ah
Voltage Range	11.0~14.0V	22.0~28.0V	42.0~57.0V	42.0~57.0V	42.0~57.0V
PV					
Max. Power	1000W	3600W	3600W	5500W	10.4KW(5200W*2)
Max. PV Voltage	105Vdc	500Vdc	500Vdc	500Vdc	500Vdc
MPPT Voltage Range	20~100Vdc	40~450Vdc	40~450Vdc	120~450Vdc	90~450Vdc
Max. PV Charge Current	50A	60A	60A	80A	80A*2
AC Output					
Rated Power	1000W	3000W	3000W	5000W	10000W
AC Voltage	230Vac±5%				
AC Frequency	50Hz/60Hz				
Efficiency	≤91%	≤94%	≤94%	≤94%	≤94%
Transfer time	10ms (for PC) 20ms (for Appliance)				
Waveform	Pure sine wave				
AC Input					
Rated AC Voltage	230Vac				
AC Voltage Range	170~280Vac(for PC) 90~280Vac(for Applis)				
Frequency Range	50Hz/60Hz(Auto sensing)				
General Parameters					
Altitude	≤2000m				
Humidity	5%~95%				
Work Temperature	-10℃~50℃				
Size (mm)	310*220*460	370*225*510	450*270*610	450*270*610	485*270*770
Weight (kg)	25	32	54	58	105

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SUPPORT CUSTOMIZATION, AND ON-DEMAND CUSTOMIZATION

All-In-One ESS

Integrated Battery & Inverter

一体化ESS (综合的电池和逆变器)



All-In-One
(Battery & Inverter)
一体机 (电池+逆变器)



Support AC charge
and PV charge
支持交流充电和光伏充电



High integration and
easy installation
集成度高, 安装方便



Support UPS function
支持UPS功能



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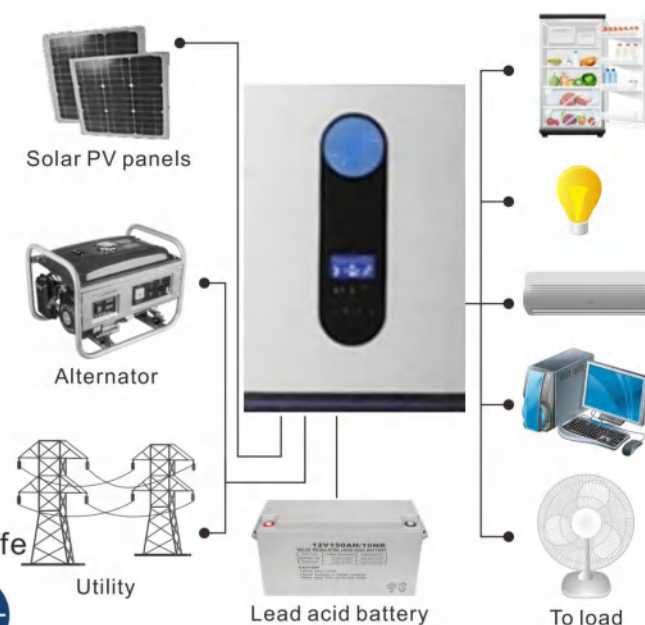
站立一体机家用储能
Standed (ALL-in-One) Household Energy Storage

Battery + Inverter	15KWh+10KW
Model	IYP-15K1A-10KF1-A1
Battery	
Battery Type	LiFePO4 Battery
Battery Energy	15KWh
Nominal Voltage	51.2V
Rated Capacity	280Ah
Voltage Range	42.0~58.0V
PV	
Max. Power	10.4KW(5200W*2)
Max. PV Voltage	500Vdc
MPPT Voltage Range	90~450Vdc
Max. PV Charge Current	80A*2
AC Output	
Rated Power	10000W
AC Voltage	230Vac±5%
AC Frequency	50Hz/60Hz
Efficiency	≤94%
Transfer time	10ms (for PC) 20ms (for Appliance)
Waveform	Pure sine wave
AC Input	
Rated AC Voltage	230Vac
AC Voltage Range	170~280Vac(for PC) 90~280Vac(for Applis)
Frequency Range	50Hz/60Hz(Auto sensing)
General Parameters	
Altitude	≤2000m
Humidity	5%~95%
Work Temperature	-10℃~50℃
Size (mm)	510*376*782
Weight (kg)	125

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Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- Wifi & GPRS available for IOS and android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in battery automatic activation
- Built-in 120A mppt Solarcharge
- High PV input voltage range(60-500VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life



Model	HY-3.6KW PLUS	HY-4.2KW PLUS	HY-6.2KW PLUS
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W	4200W	6200W
Maximum Solar Charging Current	120A		
Nominal Dc Voltage/Maximum Dc Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC		
MPPT Voltage Range	60-450VDC		
Number of MPPT Trackers/maximum Input Current	1/18A	1/18A	1/22A
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195.5-253VAC		
Nominal Output Current	15.7A	18.2A	27.0A
Power Factor	>0.99	27VDC	27VDC
Feed-in Grid Frequency Range	49-51±1Hz	33VDC	33VDC
Maximum Conversion Efficiency (Sloar To AC)	98%		
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(battery Mode)	1200W	1400W	2067W
Main Load Cut Off Voltage	22VDC	22VDC	44VDC
Main Load Return Voltage	26VDC	26VDC	52VDC
AC Start-up Voltage/auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	30A	30A	40A
Nominal Operating Frequency	50/60Hz		
Surge Power	7200W	8400W	12400W
Nominal Output Voltage	220/230/240VAC		
Output Waveform	Pure sine wave		
Efficiency (DC To AC)	94%		
Nominal DC Voltage	24VDC	24VDC	48VDC
Maximum Charging Current (Solar To AC)	120A		
Maximum AC Charging Current	100A		
Dimension D*W*H(mm)	420*350*110		
Package Dimension D*W*H(mm)	500*410*190		
Net Weight(kgs)	8	8.5	9
Gross Weight(kgs)	9	9.5	10
Commumication Port	RS232/WIFI/GPRS/ BATTERY		



Configuration diagram of Solar and wind power generation system 太阳能和风力发电系统配置图

Many areas have abundant solar and wind resources. Meantime, there may have the problems with shortage of energy and environmental pollution. Therefore, we can change the energy structure then help to improve the environment. Both of solar and wind energies are influenced by the seasons, the temperature and the environment strongly. They are two kinds of unstable energies but also are complementary. That's why they can improve energy efficiency and economic benefits.

许多地区有丰富的太阳能和风能资源。同时，也存在着能源短缺和环境污染等问题。因此，我们可以改变能源结构，进而帮助改善环境。太阳能和风能都受到季节温度 and 环境的强烈影响。它们是两种不稳定的能量，但又是互补的。这就是为什么他们可以提高能源效率 and 经济效益。

The system has three modes of operation based on the changes of wind and solar energy.

系统根据风能和太阳能的变化有三种运行模式

- ☆ Mode 1: Wind turbines supply power to the load alone
- ☆ Mode 2: solar panels supply power to the load alone
- ☆ Mode 3: wind turbines and solar panels supply power to the load together

- ☆ 模式1: 风力发电机单独向负载供电
- ☆ 模式2: 太阳能电池板单独向负载供电
- ☆ 模式3: 风力发电机和太阳能电池板一起为负载供电

Large solar power generation system 大型太阳能发电系统

Solar PV modules absorb light and convert solar energy into electricity DC power. Battery connect together become battery pack, later the inverter convert AC to DC power, finally distribute power every applications.

太阳能光伏组件吸收光线并将太阳能转化为电能。电池连接在一起成为电池组然后逆变器将交流电转换成直流电，最后将电源分配到各个应用场合。



These factors should be considered in the solar power generation system.

1. Consider the place where solar photovoltaic power generation system using as well as the local solar radiation
2. Consider the load power
3. Consider the output voltage of the system and the use of a DC or AC power
4. Consider how many hours that the system works per day
5. If there is no sunlight in rainy weather, how many days should the system continuously supply power

在太阳能发电系统中应考虑以下因素:

1. 考虑太阳能光伏发电系统使用的地方以及当地的太阳辐射
2. 考虑负载功率
3. 考虑系统的输出电压和使用直流或交流电源
4. 考虑系统每天工作多少小时
5. 如遇阴雨天气无阳光，系统应连续供电多少天



输入电压	AC 90V-265V 47HZ-63HZ
最大输出功率	15W
浮充电压	13.8V±0.5%
恒流充电	1A±0.5%
恒压充电	14.8V
开关电流	0.45A-0.55A
功率效率	>77%
输出纹波	85 mvp-p
红灯/绿信号	红灯-充电，绿灯-充满电
过载保护	当超出总输出功率的115%时
尺寸(长*宽*高)	73.5*49*29 mm
重量	108g
交流输入线长度	30 cm
直流输出线长度	1m
环境温度	-40℃ to +55℃
湿度	<95%
安全等级	1 (IEC364-4-41)
防护等级	IP65

说明

CHG15W充电器用料精良，设计巧妙。自我保护功能可以避免因使用不当造成的损坏，电路设计可以延长电池的使用寿命。

应用领域

该充电器可用于给铅酸或胶体电池充电（容量范围：2.5Ah-20Ah）

特征

- 1、三步充电，长时间连接电池和充电器时充电效果更佳。
- 2、短路保护功能。可防止夹钳短路损坏。
- 3、反接保护功能。可以防止正负极连接错误造成的损坏。

注意

1. 与电池断开时无输出。
2. 请务必确保正极线（红色）连接正极端子，负极线（黑色）连接负极。
- 3、使用和安装前请仔细阅读说明书。
- 4、充电器电压与电网电压相当。除非由专业技术人员进行，否则请勿拆卸设备。
- 5、充电器应在干燥、清洁的环境中使用，避免潮湿或灰尘。
- 6、其他未注明的参数可定制。

