

BATTERY PRODUCT CATALOG

户用储能电池选型手册



CONTENTS
目录

01
HA壁挂式锂电池 ----------03-06
HA wall-mounted lithium battery

02
HB堆叠式锂电池 ----------07-08
HB stacked lithium battery

03
HC机架式锂电池 ----------09-10
HC rack-mounted lithium battery

04
HD锂代铅系列电池 ----------11-14
HD lithium-based lead-replacement battery series

05
HF塔式锂电池 ----------15-18
HF tower lithium battery

06
HH立式锂电池 ----------19-24
HH vertical lithium battery

07
HI落地式锂电池 ----------25-26
HI floor-standing lithium battery

HA25.6V100Ah HA25.6V206Ah HA25.6V314Ah

HA壁挂式锂电池

HA WALL-MOUNTED LITHIUM BATTERY



产品亮点 Product Highlights

- 25.6V锂电池模块
  25.6V lithium battery module
- 内置智能BMS管理系统
  Built in intelligent BMS management system
- 通讯标配蓝牙、WIFI
  Standard communication features Bluetooth and Wi-Fi
- 具有过充和过放保护功能
  With the overcharge and overdischarge protection function
- 具有过流和短路保护功能
  With the overcurrent and shortcircuit protection function
- 具有过温保护功能
  With the overtemperature protection function
- 适用于离网太阳能系统
  Application for off-grid solar power system

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HA 25.6V100Ah	HA 25.6V206Ah	HA 25.6V314Ah
设计样式 Case design	壁挂式 Wall mounted		
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$		
标称电压 Normal Voltage(Vdc)	25.6V	25.6V	25.6V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	100Ah	206Ah	314Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	2560Wh	5273Wh	8038Wh
浮充电压 Float Charge Voltage(Vdc)	28.0V	28.0V	28.0V
工作电压范围 Operating Voltage Range (Vdc)	20.0～29.2V	20.0～29.2V	20.0～29.2V
最大充电电流 Max. Charge Current(A)	100A	200A	200A
最大放电电流 Max. Discharge Current(A)	100A	200A	200A
端子 Terminal	M6	M8	M8
存储温度 Storage temperature	0°C ～30°C		
防护等级 IP degree	IP 20		
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C		
安全标准 Safety standard	UN38.3,MSDS		
显示 Display	LCD		
通讯 Communication	CAN, RS485, Bluetooth, WIFI		
保护 PROTECTION			
保护 Protection	过充保护Overcharge protection, 过放保护Overdischarge protection, 过流保护Overcurrent protection, 短路保护Shortcircuit protection, 过温保护Overtemperature protection		
环境 AMBIENT			
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C		
湿度 Humidity	0～95%(no condensation)		
最高海拔 Sea Level(m)	4000m (Derating above 2000m)		
尺寸 DIMENSION			
LxWxH (产品products size, mm)	460*360*139 mm	550* 390*230mm	550x420x230mm
LxWxH (包装package size, mm)	516*416*196mm	606* 446* 286mm	630x545x430mm
净重 (NW Kg)	25Kg	43Kg	58kg
毛重 (GW Kg)	26.6Kg	46Kg	69Kg
Quantity 20GP 20GP货柜装载量	480	315	180
Quantity 40GP 40GP货柜装载量	960	560	360
Quantity 40HQ 40HQ货柜装载量	960	560	370

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HA51.2V100Ah HA51.2V200Ah

HA壁挂式锂电池

HA WALL-MOUNTED LITHIUM BATTERY

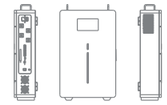


产品亮点 Product Highlights

- 51.2V锂电池模块
  51.2V lithium battery module
- 内置智能BMS管理系统
  Built in intelligent BMS management system
- 通讯标配蓝牙、WIFI
  Standard communication features Bluetooth and Wi-Fi
- 具有过充和过放保护功能
  With the overcharge and overdischarge protection function
- 具有过流和短路保护功能
  With the overcurrent and shortcircuit protection function
- 具有过温保护功能
  With the overtemperature protection function
- 适用于离网太阳能系统
  Application for off-grid solar power system

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HA 51.2V100Ah	HA 51.2V200Ah
设计样式 Case design	壁挂式 Wall mounted	
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$	
标称电压 Normal Voltage(Vdc)	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	100Ah	200Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	5120Wh	10240Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	100A	200A
最大放电电流 Max. Discharge Current(A)	100A	200A
端子 Terminal	M6	M8
存储温度 Storage temperature	0°C ～30°C	
防护等级 IP degree	IP 20	
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C	
安全标准 Safety standard	UN38.3,MSDS	
显示 Display	LCD	
通讯 Communication	CAN, RS485, Bluetooth, WIFI	
保护 PROTECTION		
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection	
环境 AMBIENT		
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C	
湿度 Humidity	0～95%(no condensation)	
最高海拔 Sea Level(m)	4000m (Derating above 2000m)	
尺寸 DIMENSION		
LxWxH (产品products size, mm)	640*410*155 mm	710*450*230mm
LxWxH (包装package size, mm)	716*486*210 mm	790*530*395mm
净重 (NW Kg)	46Kg	86Kg
毛重 (GW Kg)	50Kg	100Kg
Quantity 20GP 20GP货柜装载量	230	90
Quantity 40GP 40GP货柜装载量	480	216
Quantity 40HQ 40HQ货柜装载量	480	244

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HB51.2V100Ah HB51.2V206Ah HB51.2V280Ah HB51.2V314Ah

HB堆叠式锂电池

HB STACKED LITHIUM BATTERY



产品亮点 Product Highlights

- 具有过充和过放保护功能
  With the overcharge and overdischarge protection function
- 具有过电流和短路保护功能
  With the overcurrent and shortcircuit protection function
- 具有超温保护功能
  With the overtemperature protection function
- 通讯标配蓝牙、WIFI
  Standard communication features Bluetooth and Wi-Fi
- 方便用户日后扩充容量
  Facilitate users to expand capacity in the future
- 适用于离网型太阳能光伏发电系统
  Application for off-grid solar power system.
- 智能BMS内置多种通信协议
  Smart BMS with multiple communication protocol built inside
- 内置智能电池管理系统
  Built-in intelligent battery management system
- 5年保修，使用寿命超过10年，磷酸铁锂电池，更稳定更安全
  5 years warranty,10+years life time , LiFePO$_4$ battery, more stable and safe.

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features

型号 Model	HB 51.2V100Ah	HB 51.2V206Ah	HB 51.2V280Ah	HB 51.2V314Ah
设计样式 Case design	堆叠式 stackable			
电池类型 Battery Type	磷酸铁锂 LiFePO$_4$			
标称电压 Normal Voltage(Vdc)	51.2V	51.2V	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	100Ah	206Ah	280Ah	314Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	5120Wh	10547Wh	14336Wh	16076Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	100A	200A	200A	200A
最大放电电流 Max. Discharge Current(A)	100A	200A	200A	200A
端子 Terminal	M6	M8	M8	M8
存储温度 Storage temperature	0°C ～30°C			
防护等级 IP degree	IP 20			
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C			
安全标准 Safety standard	UN38.3,MSDS			
显示 Display	LCD			
通讯 Communication	CAN, RS485, Bluetooth, WIFI			
保护 PROTECTION				
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection			
环境 AMBIENT				
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C			
湿度 Humidity	0～95%(no condensation)			
最高海拔 Sea Level(m)	4000m (Derating above 2000m)			
尺寸 DIMENSION				
LxWxH (产品products size, mm)	540*500*166 mm	580x560x260mm	680x560x254mm	680x560x254mm
LxWxH (包装package size, mm)	616*556*220 mm	660x640x440mm	760x640x434mm	760x640x434mm
净重 (NW Kg)	45Kg	88Kg	114Kg	115Kg
毛重 (GW Kg)	48Kg	101Kg	129Kg	130Kg
Quantity 20GP 20GP货柜装载量	350	96	120	120
Quantity 40GP 40GP货柜装载量	520	216	200	200
Quantity 40HQ 40HQ货柜装载量	520	252	200	200

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HC51.2V100Ah HC51.2V206Ah HC51.2V280Ah HC51.2V314Ah

HC机架式锂电池

HC RACK-MOUNTED LITHIUM BATTERY

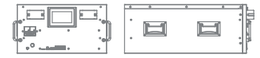


产品亮点 Product Highlights

- 机架锂电池 Rack lithium battery
- 配备智能BMS系统 With smart BMS system
- 灵活扩展，易于安装 Flexible expansion, easy installation
- 通讯标配蓝牙、WIFI Standard communication features Bluetooth and Wi-Fi
- A级电池，卓越的安全性和可靠性 Standard communication features Bluetooth and Wi-Fi
- 大放电电流，与太阳能逆变器和能源系统兼容 Blg discharge current,Compatible with solar inverter and energy system
- 可选的智能BMS可以与不同品牌的混合太阳能逆变器通信 Optional smart BMS can communicate with Different Brand of Hybrid Solar Inverter

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HC 51.2V100Ah	HC 51.2V206Ah	HC 51.2V280Ah	HC 51.2V314Ah
设计样式 Case design	机架式 rack-mounted			
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$			
标称电压 Normal Voltage(Vdc)	51.2V	51.2V	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	100Ah	206Ah	280Ah	314Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	5120Wh	10547Wh	14336Wh	16076Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	100A	200A	200A	200A
最大放电电流 Max. Discharge Current(A)	100A	200A	200A	200A
端子 Terminal	M6	M8	M8	M8
存储温度 Storage temperature	0°C ～30°C			
防护等级 IP degree	IP 20			
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C			
安全标准 Safety standard	UN38.3,MSDS			
显示 Display	LCD			
通讯 Communication	CAN, RS485, Bluetooth, WIFI			
保护 PROTECTION				
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection			
环境 AMBIENT				
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C			
湿度 Humidity	0～95%(no condensation)			
最高海拔 Sea Level(m)	4000m (Derating above 2000m)			
尺寸 DIMENSION				
LxWxH (产品products size, mm)	440X440X133mm	600*440*240 mm	745*440*240 mm	745*440*240 mm
LxWxH (包装package size, mm)	554X520X196mm	700X540X405mm	840*520*430 mm	840*520*430 mm
净重 (NW Kg)	40Kg	82Kg	116Kg	117Kg
毛重 (GW Kg)	42Kg	95Kg	132Kg	133Kg
Quantity 20GP 20GP货柜装载量	360	150	120	120
Quantity 40GP 40GP货柜装载量	600	270	195	195
Quantity 40HQ 40HQ货柜装载量	600	270	195	195

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HD12.8V100Ah HD12.8V200Ah HD12.8V280Ah HD12.8V314Ah

HD铅改锂电池

HD LEAD-ACID TO LITHIUM RETROFIT BATTERY

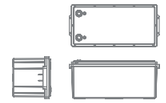


产品亮点 Product Highlights

- 蓝牙监视器可选
  Optional for bluetooth monitor
- 适用于逆变器或UPS系统
  Suitable for inverter or ups system
- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 采用智能BMS系统进行全面保护
  With smart BMS system for all around protection
- 高密度、小尺寸和重量轻
  High density, small size and weight
- 12.8V,25.6V $LiFePO_4$ 电池组，安全可靠
  12.8V, 25.6V $LiFePO_4$ pack, safe and reliable
- 塑料外壳，是铅酸电池更换的理想选择
  Plastic case, ideal choice for lead acid battery replacement
- 长寿设计，电池循环次数可达3000次，5年+寿命设计
  Long life design, cells cycle time up to 3000times, 5+ years life design

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HD 12.8V100Ah	HD 12.8V200Ah	HD 12.8V280Ah	HD 12.8V314Ah
设计样式 Case design	锂代铅 Lithium replaces lead			
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$			
标称电压 Normal Voltage(Vdc)	12.8V	12.8V	12.8V	12.8V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	100AH	200AH	280AH	314AH
标称能量Normal Energy (25°C 0.2C) (Wh)	1280Wh	2560Wh	3584Wh	4019Wh
浮充电压 Float Charge Voltage(Vdc)	14.0V	14.0V	14.0V	14.0V
工作电压范围 Operating Voltage Range (Vdc)	10.0～14.6V	10.0～14.6V	10.0～14.6V	10.0～14.6V
最大充电电流 Max. Charge Current(A)	50A	100A	100A	100A
最大放电电流 Max. Discharge Current(A)	100A	200A	200A	200A
端子 Terminal	M8			
存储温度 Storage temperature	0°C ～30°C			
防护等级 IP degree	IP 65			
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C			
安全标准 Safety standard	UN38.3,MSDS			
保护 PROTECTION				
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection			
环境 AMBIENT				
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C			
湿度 Humidity	0～95%(no condensation)			
最高海拔 Sea Level(m)	4000m (Derating above 2000m)			
尺寸 DIMENSION				
LxWxH (产品products size, mm)	331*171*218 mm	522*242*218 mm	523*269*218 mm	523*269*218 mm
LxWxH (包装package size, mm)	356*196*263 mm	547*267*268 mm	543*289*268 mm	543*289*268 mm
净重 (NW Kg)	10.0Kg	29.0Kg	26.7Kg	26.8Kg
毛重 (GW Kg)	10.4Kg	20.0Kg	27.6Kg	27.7Kg
Quantity 20GP 20GP货柜装载量	1100	500	500	500
Quantity 40GP 40GP货柜装载量	2400	1200	920	920
Quantity 40HQ 40HQ货柜装载量	2400	1280	920	920

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HD25.6V100Ah HD25.6V206Ah

HD铅改锂电池

HD LEAD-ACID TO LITHIUM RETROFIT BATTERY

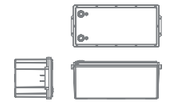


产品亮点 Product Highlights

- 蓝牙监视器可选
  Optional for bluetooth monitor
- 适用于逆变器或UPS系统
  Suitable for inverter or ups system
- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 采用智能BMS系统进行全面保护
  With smart BMS system for all around protection
- 高密度、小尺寸和重量轻
  High density, small size and weight
- 25.6V $LiFePO_4$ 电池组，安全可靠
  25.6V $LiFePO_4$ pack, safe and reliable
- 塑料外壳，是铅酸电池更换的理想选择
  Plastic case, ideal choice for lead acid battery replacement
- 长寿设计，电池循环次数可达3000次，5年+寿命设计
  Long life design, cells cycle time up to 3000times, 5+ years life design

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HD 25.6V100Ah	HD 25.6V206Ah
设计样式 Case design	锂代铅 Lithium replaces lead	
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$	
标称电压 Normal Voltage(Vdc)	25.6V	25.6V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	100Ah	206Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	2560Wh	2636Wh
浮充电压 Float Charge Voltage(Vdc)	28.0V	28.0V
工作电压范围 Operating Voltage Range (Vdc)	20～29.2V	20～29.2V
最大充电电流 Max. Charge Current(A)	50A	50A
最大放电电流 Max. Discharge Current(A)	100A	100A
端子 Terminal	M8	
存储温度 Storage temperature	0°C ～30°C	
防护等级 IP degree	IP 65	
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C	
安全标准 Safety standard	UN38.3,MSDS	
保护 PROTECTION		
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection	
环境 AMBIENT		
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C	
湿度 Humidity	0～95%(no condensation)	
最高海拔 Sea Level(m)	4000m (Derating above 2000m)	
尺寸 DIMENSION		
LxWxH (产品products size, mm)	522*242*218 mm	523*269*218 mm
LxWxH (包装package size, mm)	547*267*268 mm	543*289*268 mm
净重 (NW Kg)	20.7Kg	35.3Kg
毛重 (GW Kg)	21.7Kg	36.9Kg
Quantity 20GP 20GP货柜装载量	500	450
Quantity 40GP 40GP货柜装载量	1180	700
Quantity 40HQ 40HQ货柜装载量	1180	700

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HF51.2V280Ah HF51.2V314Ah HF51.2V412Ah

HF塔式锂电池

HF TOWER LITHIUM BATTERY



产品亮点 Product Highlights

- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 坚固耐用，质量可靠
  Standard communication features Bluetooth and Wi-Fi
- 靠墙设计，节省空间设计
  Stand by the wall design, space saving design
- 通讯标配蓝牙、WIFI
  Strong and durable, reliable quality
- 带通信端口(CAN/RS485)的LCD显示屏
  LCD display with communication port(CAN/RS485)
- 8000次电池循环周期，5年保修，10年+寿命设计
  8000 cells cycle times, 5 years warranty, 10+ years life design
- 大充电/放电电流高达200A/200A，适用于太阳能储能系统
  Big charge/discharge current up to 200A/200A, suitable for solar storage system
- 可选的51.2V智能BMS可以与不同品牌的混合太阳能逆变器通信
  Optional 51.2V smart BMS can communicate with different brand of hybrid Solar inverter

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HF 51.2V280Ah	HF 51.2V314Ah	HF 51.2V412Ah
设计样式 Case design	塔式 Tower		
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$		
标称电压 Normal Voltage(Vdc)	51.2V	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	280Ah	314Ah	412Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	14336Wh	16076Wh	21094Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	200A	200A	200A
最大放电电流 Max. Discharge Current(A)	200A	200A	200A
端子 Terminal	M8	M8	M8
存储温度 Storage temperature	0°C ～30°C		
防护等级 IP degree	IP 20		
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C		
安全标准 Safety standard	UN38.3,MSDS		
显示 Display	LCD		
通讯 Communication	CAN, RS485, Bluetooth, WIFI		
保护 PROTECTION			
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection		
环境 AMBIENT			
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C		
湿度 Humidity	0～95%(no condensation)		
最高海拔 Sea Level(m)	4000m (Derating above 2000m)		
尺寸 DIMENSION			
LxWxH (产品products size, mm)	450*286*800 mm	450*286*800 mm	500*300*960 mm
LxWxH (包装package size, mm)	540*376*980 mm	540*376*980 mm	560*510*1090 mm
净重 (NW Kg)	115Kg	115Kg	161Kg
毛重 (GW Kg)	130Kg	130Kg	180Kg
Quantity 20GP 20GP货柜装载量	112	112	80
Quantity 40GP 40GP货柜装载量	195	195	140
Quantity 40HQ 40HQ货柜装载量	195	195	140

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HF51.2V560Ah HF51.2V628Ah

HF塔式锂电池

HF TOWER LITHIUM BATTERY



产品亮点 Product Highlights

- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 坚固耐用，质量可靠
  Standard communication features Bluetooth and Wi-Fi
- 靠墙设计，节省空间设计
  Stand by the wall design, space saving design
- 通讯标配蓝牙、WIFI
  Strong and durable, reliable quality
- 带通信端口(CAN/RS485)的LCD显示屏
  LCD display with communication port(CAN/RS485)
- 8000次电池循环周期，5年保修，10年+寿命设计
  8000 cells cycle times, 5 years warranty, 10+ years life design
- 大充电/放电电流高达200A/200A，适用于太阳能储能系统
  Big charge/discharge current up to 200A/200A, suitable for solar storage system
- 可选的51.2V智能BMS可以与不同品牌的混合太阳能逆变器通信
  Optional 51.2V smart BMS can communicate with different brand of hybrid Solar inverter

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HF 51.2V560Ah	HF 51.2V628Ah
设计样式 Case design	塔式 Tower	
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$	
标称电压 Normal Voltage(Vdc)	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	560Ah	628Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	28672Wh	32153Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V
工作电压范围 Operating Voltsge Range (Vdc)	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	200A	200A
最大放电电流 Max. Discharge Current(A)	200A	200A
端子 Terminal	M8	M8
存储温度 Storage temperature	0°C ～30°C	
防护等级 IP degree	IP 20	
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C	
安全标准 Safety standard	UN38.3,MSDS	
显示 Display	LCD	
通讯 Communication	CAN, RS485, Bluetooth, WIFI	
保护 PROTECTION		
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection	
环境 AMBIENT		
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C	
湿度 Humidity	0～95%(no condensation)	
最高海拔 Sea Level(m)	4000m (Derating above 2000m)	
尺寸 DIMENSION		
LxWxH (产品products size, mm)	635*326*990mm	635*326*990mm
LxWxH (包装package size, mm)	695*525*1135mm	695*525*1135mm
净重 (NW Kg)	220Kg	220Kg
毛重 (GW Kg)	242Kg	242Kg
Quantity 20GP 20GP货柜装载量	60	60
Quantity 40GP 40GP货柜装载量	104	104
Quantity 40HQ 40HQ货柜装载量	104	104

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HH51.2V206Ah HH51.2V314Ah HH51.2V412Ah

HH立式锂电池

HH VERTICAL LITHIUM BATTERY



产品亮点 Product Highlights

- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 坚固耐用，质量可靠
  Standard communication features Bluetooth and Wi-Fi
- 靠墙设计，节省空间设计
  Stand by the wall design, space saving design
- 通讯标配蓝牙、WIFI
  Strong and durable, reliable quality
- 带通信端口(CAN/RS485)的LCD显示屏
  LCD display with communication port(CAN/RS485)
- 8000次电池循环周期，5年保修，10年+寿命设计
  8000 cells cycle times, 5 years warranty, 10+ years life design
- 大充电/放电电流高达200A/200A，适用于太阳能储能系统
  Big charge/discharge current up to 200A/200A, suitable for solar storage system
- 可选的51.2V智能BMS可以与不同品牌的混合太阳能逆变器通信
  Optional 51.2V smart BMS can communicate with different brand of hybrid Solar inverter

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HH 51.2V206Ah	HH 51.2V314Ah	HH 51.2V412Ah
设计样式 Case design	立式 Vertical pulley		
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$		
标称电压 Normal Voltage(Vdc)	51.2V	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	206Ah	314Ah	412Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	10547Wh	16076.8Wh	21094Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	200A	200A	200A
最大放电电流 Max. Discharge Current(A)	200A	200A	200A
端子 Terminal	M8	M8	M8
存储温度 Storage temperature	0°C ～30°C		
防护等级 IP degree	IP 20		
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C		
安全标准 Safety standard	UN38.3,MSDS		
显示 Display	LCD		
通讯 Communication	CAN, RS485, Bluetooth, WIFI		
保护 PROTECTION			
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection		
环境 AMBIENT			
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C		
湿度 Humidity	0～95%(no condensation)		
最高海拔 Sea Level(m)	4000m (Derating above 2000m)		
尺寸 DIMENSION			
LxWxH (产品products size, mm)	428x248x660mm	450x250x800 mm	500x300x960 mm
LxWxH (包装package size, mm)	508x428x800 mm	530x428x920 mm	560x510x1090 mm
净重 (NW Kg)	88Kg	118Kg	160Kg
毛重 (GW Kg)	101Kg	134Kg	179Kg
Quantity 20GP 20GP货柜装载量	140	140	80
Quantity 40GP 40GP货柜装载量	248	192	140
Quantity 40HQ 40HQ货柜装载量	248	192	140

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HH51.2V200Ah HH51.2V314Ah HH51.2V412Ah

HH立式锂电池

HH VERTICAL LITHIUM BATTERY

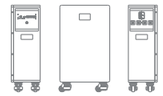


产品亮点 Product Highlights

- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 坚固耐用，质量可靠
  Standard communication features Bluetooth and Wi-Fi
- 靠墙设计，节省空间设计
  Stand by the wall design, space saving design
- 通讯标配蓝牙、WIFI
  Strong and durable, reliable quality
- 带通信端口(CAN/RS485)的LCD显示屏
  LCD display with communication port(CAN/RS485)
- 8000次电池循环周期，5年保修，10年+寿命设计
  8000 cells cycle times, 5 years warranty, 10+ years life design
- 大充电/放电电流高达200A/200A，适用于太阳能储能系统
  Big charge/discharge current up to 200A/200A, suitable for solar storage system
- 可选的51.2V智能BMS可以与不同品牌的混合太阳能逆变器通信
  Optional 51.2V smart BMS can communicate with different brand of hybrid Solar inverter

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HH 51.2V200Ah	HH 51.2V314Ah	HH 51.2V412Ah
设计样式 Case design	立式 Vertical pulley		
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$		
标称电压 Normal Voltage(Vdc)	51.2V	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	200Ah	314Ah	412Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	10240Wh	16076.8Wh	21094Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	200A	200A	200A
最大放电电流 Max. Discharge Current(A)	200A	200A	200A
端子 Terminal	M8	M8	M8
存储温度 Storage temperature	0°C ～30°C		
防护等级 IP degree	IP 20		
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C		
安全标准 Safety standard	UN38.3,MSDS		
显示 Display	LCD		
通讯 Communication	CAN, RS485, Bluetooth, WIFI		
保护 PROTECTION			
保护 Protection	**过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection**		
环境 AMBIENT			
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C		
湿度 Humidity	0～95%(no condensation)		
最高海拔 Sea Level(m)	4000m (Derating above 2000m)		
尺寸 DIMENSION			
LxWxH (产品products size, mm)	428x248x660mm	450x250x800 mm	500x300x960 mm
LxWxH (包装package size, mm)	508x428x800 mm	530x428x920 mm	560x510x1090 mm
净重 (NW Kg)	88Kg	118Kg	160Kg
毛重 (GW Kg)	101Kg	134Kg	179Kg
Quantity 20GP 20GP货柜装载量	140	140	80
Quantity 40GP 40GP货柜装载量	248	192	140
Quantity 40HQ 40HQ货柜装载量	248	192	140

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HH51.2V560Ah HH51.2V628Ah

HH立式锂电池

HH WALL-MOUNTED LITHIUM BATTERY



产品亮点 Product Highlights

- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 坚固耐用，质量可靠
  Standard communication features Bluetooth and Wi-Fi
- 靠墙设计，节省空间设计
  Stand by the wall design, space saving design
- 通讯标配蓝牙、WIFI
  Strong and durable, reliable quality
- 带通信端口(CAN/RS485)的LCD显示屏
  LCD display with communication port(CAN/RS485)
- 8000次电池循环周期，5年保修，10年+寿命设计
  8000 cells cycle times, 5 years warranty, 10+ years life design
- 大充电/放电电流高达200A/200A，适用于太阳能储能系统
  Big charge/discharge current up to 200A/200A, suitable for solar storage system
- 可选的51.2V智能BMS可以与不同品牌的混合太阳能逆变器通信
  Optional 51.2V smart BMS can communicate with different brand of hybrid Solar inverter

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HH 51.2V560Ah	HH 51.2V628Ah
设计样式 Case design	立式 Vertical pulley	
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$	
标称电压 Normal Voltage(Vdc)	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	560Ah	628Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	28672Wh	32153Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	200A	200A
最大放电电流 Max. Discharge Current(A)	200A	200A
端子 Terminal	M8	M8
存储温度 Storage temperature	0°C ～30°C	
防护等级 IP degree	IP 20	
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C	
安全标准 Safety standard	UN38.3,MSDS	
显示 Display	LCD	
通讯 Communication	CAN, RS485, Bluetooth, WIFI	
保护 PROTECTION		
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection	
环境 AMBIENT		
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C	
湿度 Humidity	0～95%(no condensation)	
最高海拔 Sea Level(m)	4000m (Derating above 2000m)	
尺寸 DIMENSION		
LxWxH (产品products size, mm)	930*880*280 mm	930*880*280 mm
LxWxH (包装package size, mm)	1010*960*455 mm	1010*960*455 mm
净重 (NW Kg)	233Kg	234Kg
毛重 (GW Kg)	263Kg	264Kg
Quantity 20GP 20GP货柜装载量	40	40
Quantity 40GP 40GP货柜装载量	88	88
Quantity 40HQ 40HQ货柜装载量	98	98

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

HI51.2V280Ah HI51.2V314Ah

HI落地式锂电池

HI FLOOR-STANDING LITHIUM BATTERY

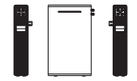


产品亮点 Product Highlights

- A级电池，质量坚固可靠
  Class A cell, Strong and reliable quality
- 全方位保护和无人值守操作
  All around protection and unattended operation
- 采用智能BMS系统进行全面保护
  With smart BMS system for all around protection
- 200ABMS，适用于逆变器或太阳能系统
  200ABMS, suitable for inverter or solar system
- 51.2V $LiFePO_4$ 电池组，落地式设计,IP65防护等级
  51.2V $LiFePO_4$ Battery Pack, Floor-standing Design, IP65 Protection Rating
- 长寿设计，电池循环次数可达8000次，5年保修，10年+寿命设计
  Long life design, cells cycle time up to 5000 cycles, 5 years warranty, 10+ life design

*更多规格型号支持定制 Additional specifications are available for customization.

产品参数 Technical Features



型号 Model	HI 51.2V280Ah	HI 51.2V314Ah
设计样式 Case design	落地式 Floor-standing	
电池类型 Battery Type	磷酸铁锂 $LiFePO_4$	
标称电压 Normal Voltage(Vdc)	51.2V	51.2V
标称容量 Normal Capacity (25°C 0.2C) (Ah)	280Ah	314Ah
标称能量Normal Energy (25°C 0.2C) (Wh)	14336Wh	16076Wh
浮充电压 Float Charge Voltage(Vdc)	56.0V	56.0V
工作电压范围 Operating Voltage Range (Vdc)	40.0～58.4V	40.0～58.4V
最大充电电流 Max. Charge Current(A)	200A	200A
最大放电电流 Max. Discharge Current(A)	200A	200A
端子 Terminal	防水接头	防水接头
存储温度 Storage temperature	0°C ～30°C	
防护等级 IP degree	IP 65	
存储期限 Storage duration	6个月 环境温度25°C 6 months at 25°C	
安全标准 Safety standard	UN38.3,MSDS	
显示 Display	LCD	
通讯 Communication	CAN, RS485, Bluetooth, WIFI	
保护 PROTECTION		
保护 Protection	过充保护Overcharge protection，过放保护Overdischarge protection，过流保护Overcurrent protection，短路保护Shortcircuit protection，过温保护Overtemperature protection	
环境 AMBIENT		
工作温度 Working Temperature	Charge 0°C～+50°C;Discharge -20°C～+50°C	
湿度 Humidity	0～95%(no condensation)	
最高海拔 Sea Level(m)	4000m (Derating above 2000m)	
尺寸 DIMENSION		
LxWxH (产品products size, mm)	900*550*175 mm	900*550*175 mm
LxWxH (包装package size, mm)	980*630*350 mm	980*630*350 mm
净重 (NW Kg)	131Kg	132Kg
毛重 (GW Kg)	147Kg	148Kg
Quantity 20GP 20GP货柜装载量	96	96
Quantity 40GP 40GP货柜装载量	172	172
Quantity 40HQ 40HQ货柜装载量	172	172

*装柜数量仅供参考，若产品尺寸及参数有变化请以最新资料为准。
The container loading quantity is for reference only. If there are any changes in product dimensions and parameters, please refer to the latest information.

OPTIONAL ACCESSORIES

可选配件

以下为户用储能电池的可选配件(部分)。配件不含于标准包装内，如有需要，请另行采购。

The following are optional accessories (some) for household energy storage batteries. These accessories are not included in the standard package. If needed, please purchase them separately.

















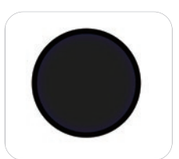




LCD按键屏



4.3寸/7寸触摸屏



圆形触摸屏



电量指示灯灯条



USB转485通讯线



动力线



脚轮



加热模块



断路器



热气溶胶灭火装置

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