



移动式家庭储能电池

Mobile home energy storage batteries



产品特点 Product Features

- 支持RS485/RS232等通讯协议, 可选蓝牙模块, 兼容更多品牌逆变器
Support RS485/RS232 and other communication protocols, optional Bluetooth module, compatible with more brands of inverters
- 移动式设计, 安装方便, 使用灵活
Mobile design, easy to install and flexible to use
- 配备家储专用BMS管理系统, 电力分配更科学
Equipped with a special BMS management system for home storage, the power distribution is more scientific
- 多种组合方式, 要有多大有多大 10KW/15KW
A variety of combinations, free choice 10KW/15KW



产品介绍 Product Description

锂电池组支持超6000次深度循环, 寿命长达8年以上, 显著降低全周期使用成本。移动式设计使用更灵活方便, 适配户用、工商业等多场景需求。

集成工业级通讯接口 (RS232/RS485) 与蓝牙无线传输, 配合智能BMS电池管理系统, 实施电芯级精准监控、过压/过流/过充保护等多重安全防护)。LCD触摸屏实时显示充放电状态、故障代码及能效数据, 操作直观便捷。

The lithium battery pack supports more than 6,000 deep cycles and has a service life of more than 8 years, significantly reducing the cost of the whole cycle. The mobile design is more flexible and convenient to use, and adapts to the needs of residential, industrial and commercial scenarios.

Integrated industrial-grade communication interface (RS232/RS485) and Bluetooth wireless transmission, with intelligent BMS battery management system, the implementation of cell-level accurate monitoring, over-voltage/over-current/overcharge protection and other multiple safety protection). The LCD touch screen displays real-time charging and discharging status, fault codes and energy efficiency data, making the operation intuitive and convenient.



过充保护
Overcharge protection



电池管理系统
Operational safety



高等级防护
High level of protection



过压保护
Overvoltage protection



过流保护
Overcurrent protection



LCD显示屏
LCD display



通讯协议
Communication protocols



高次数循环使用
High number of recycling



使用寿命长
Long service life



移动式&整体化设计
Mobile & Integral Design

技术参数

Technical parameters

| 电池参数 Battery parameters | | |
|-------------------------------------|--|------------------|
| 产品型号 Product Model | BTRYD48200-1 | BTRYD48300-1 |
| 额定电压 Rated voltage | 51.2V | |
| 额定能量 Rated energy | 10240Wh | 16076Wh |
| 输出功率 Output Power | 10.24KW | 16.07KW |
| 额定容量 Rated capacity | 200Ah | 314Ah |
| 电芯类型 Cell Typ | 磷酸铁锂方块电芯(LiFePO4) | |
| 组合方式 Composition | 16S1P | |
| 工作电压范围 Working Voltage Rang | 43.2-58.4V | |
| 放电保护电压 Discharge protection voltage | 43.2V | |
| 充电保护电压 Charge protection voltage | 58.4V | |
| 持续放电电流 Max Discharge Current | 200A | 200A |
| 持续充电电流 Max Charge Curent | < 200A | < 200A |
| BMS品牌 BMS brand | 沛城 / PACE 16S200A | |
| 显示屏 Display | LCD液晶显示屏 / LCD Display | |
| 通讯 Newsletter | RS485/RS232/CAN / RS485/RS232/CAN | |
| 兼容逆变器 Inverter compatible | DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/oltronicsGoodwe/SMA/VictronSOROTEC/MUST/etc. | |
| BMS保护功能 Protection Function | 有/过充/过放/短路/过 Overcurrent,Overvoltage,Overcharging,Overdischarge,Short Circuit,Overtemperature etc. | |
| 充电环境温度 Change Temperature | 0~45°C | |
| 放电环境温度 Discharge Temperature | -20~65°C | |
| 储存温度 Storage Temperature | -10~45°C | |
| 冷却方式 Cooling Method | 自然冷却 Natural Cooling | |
| 设计使用寿命 Design Life | 8年/8 years | |
| 循环次数 Number of cycles | 6000@25°C/0.5C/80%DOD | |
| 安装方式 Installation | 移动落地带轮/ mobile landing gear wheels | |
| 外观颜色 Exterior color | 白色、黑色 / White, Black | |
| 外壳材质 Housing material | 钣金烤漆 / Sheet metal baking paint | |
| 产品尺寸 Product size | L475*W252*H720mm | L475*W252*H720mm |
| 包装方式 Packaging method | 纸箱或木箱 / Carton or wooden case | |
| 包装尺寸 Package size | L630*W410*H770mm | L630*W410*H770mm |
| 产品净重 Net weight of the product | 87KG | 117KG |
| 产品毛重 Gross weight of the product | 94KG | 126KG |

