


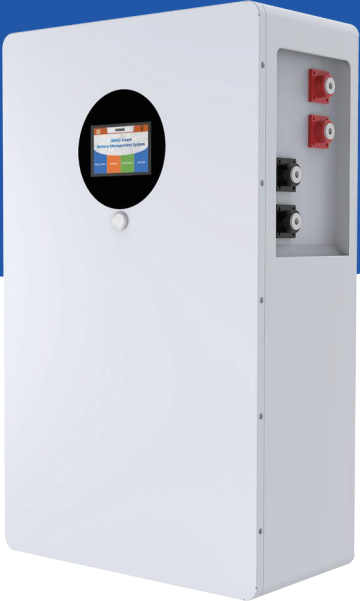
壁挂式家庭储能电池

Wall-mounted home energy storage battery



产品特点 Product Features

- 支持RS485/RS232/CAN等通讯协议,带蓝牙APP, 电池管理更智能
Support RS485/RS232/CAN and other communication protocols, with Bluetooth APP, battery management is more intelligent
- 兼容绝大多数逆变器, 用电无烦恼
Compatible with the majority of inverters, worry-free electricity usage
- 每节电池配备独立的BMS管理系统, 电池更耐用
Each battery is equipped with an independent BMS management system, and the battery is more durable
- 壁挂式设计, 更省空间
Wall-mounted design saves space



产品介绍 Product Description

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。壁挂式设计更节省空间, 适配户用、工商业及离网等多场景需求, 所有接口采用隐藏式设计, 家庭使用更安全。

集成工业级通讯接口 (RS232/RS485/CAN), 每节电池拥有独立的BMS电池管理系统, 实施电芯级精准监控(过压、过流、温度保护)。蓝牙APP实时显示充放电状态、故障代码及能效数据, 操作直观便捷。

It 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 wall-mounted design is more space-saving, suitable for residential, industrial and commercial and off-grid and other scenarios, and all interfaces adopt a hidden design, making it safer for home use. Integrated industrial-grade communication interface (RS232/RS485/CAN), each battery has an independent BMS battery management system, and implements cell-level accurate monitoring (over-voltage, over-current, temperature protection). The Bluetooth APP displays the charging and discharging status, fault codes and energy efficiency data in real time, and the operation is intuitive and convenient.



电池管理系统
Operational safety



蓝牙APP
Bluetooth app



过压保护
Overvoltage protection



过流保护
Overcurrent protection



过充保护
Overcharge protection



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



LCD显示屏
LCD display



高等级防护
High level of protection

技术参数 Technical parameters

电池参数 Battery parameters		
产品型号 Product Model	BTRBG48200-1	BTRBG48300-1
额定电压 Rated voltage	51.2V	
额定能量 Rated energy	11776Wh	16076Wh
输出功率 Output Power	11.77KW	16.07KW
额定容量 Rated capacity	230AH	314AH
电芯类型 Cell Typ	磷酸铁锂方块电芯(LiFePO4)	
组合方式 Composition	16S1P	16S1P
工作电压范围 Working Voltage Rang	43.2-58.4V	
持续放电电流 Max Discharge Current	200A	
持续充电电流 Max Charge Curent	< 200A	
BMS品牌	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、高低温保护 Overcharge, overdischarge, short circuit, high and low temperature protection	
充电环境温度 Change Temperature	0~45°C	
放电环境温度 Dischange 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	壁挂式 / Wall-mounted	
外观颜色 Exterior color	白色 / White	
外壳材质 Housing material	钣金烤漆 / Sheet metal baking paint	
产品尺寸 Product size	L 750*W 450*H 237.6mm	L 850*W 585*H 237.6mm
包装方式 Packaging method	纸箱或木箱 / Carton or wooden case	
包装尺寸 Package size	800*510*290mm	900*630*290mm
产品净重 Net weight of the product	85KG	110KG
产品毛重 Gross weight of the product	89KG	114KG