

12V储能锂电池系列

12V energy storage lithium battery series

产品应用 Product Application



产品特性 Product characteristics

蓝牙：可添加，通过蓝牙连接对电池进行实时监控数据
Bluetooth: can be added, and the battery can be monitored in real time through Bluetooth connection

储能：支持光伏发电系统
Energy storage: support photovoltaic power generation system

串联：12V支持最高4串，24V支持最高2串，扩大电池电压
Series connection: 12V supports up to 4 strings, 24V supports up to 2 strings, expanding battery voltage

并联：相同电池电压压差在0.3V以内，支持多并，扩大电池容量
Parallel connection: Same battery voltage difference within 0.3V, supports multiple connections, expands battery capacity

充电：支持多种充电方式：大电流市电充电，光伏储能发电，发电机充电等
Charging: Supports multiple charging methods: high current mains charging, photovoltaic energy storage generation, generator charging, etc

兼容：支持市面上大多数逆变器通讯
Compatibility: Supports communication with most inverters on the market

寿命：循环次数5000次以上
Lifespan: Over 5000 cycles

安全：磷酸铁锂电池能够保持较好的性能和稳定性
Safety: Lithium iron phosphate batteries can maintain good performance and stability

定制：量大可根据客户需求定制生产
Customization: Large quantities can be customized for production according to customer needs

产品型号 Model	12V100Ah	12V200Ah	12V150Ah	12V300Ah	24V100Ah	48V100Ah
标称电压 Nominal voltage	12.8V				25.6V	51.2V
标称容量 Nominal capacity	100Ah/1280Wh	200Ah/2560Wh	150Ah/1920Wh	300Ah/3840Wh	100Ah/2560Wh	100Ah/5120Wh
电芯类型 Cell type	磷酸铁锂($LiFePO_4$)					
组合方式 Composition	4S1P	4S1P	4S1P	4S1P	8S1P	16S1P
充电截止电压 Charging cutoff voltage	14.6V				29.2V	58.4V
放电截止电压 Discharge Cut-off Voltage	10V				20V	40V
最大持续放电电流 Maximum continuous discharge current	100A	150A	150A	150A	100A	100A
瞬间放电电流 Instantaneous discharge current	200A	300A	300A	300A	200A	200A
显示屏 display	按键显示屏 touch display screen					
标准充电电流 Standard charging current	<50A	<75A	<75A	<75A	<50A	<50A
标准放电电流 Standard discharge current	100A	150A	150A	150A	100A	100A
充电适合温度 Charge suitable temperature	0℃～45℃					
放电适合温度 Discharge suitable temperature	-20℃～65℃					
电池组尺寸 battery pack size	260*165*214mm	500*238.6*221mm	520*240*220mm	525*238*221mm	495*235.6*220.3mm	520*267*220mm
包装尺寸 Package size	395*240*290mm	583*303*295mm	560*320*310mm	583*303*295mm	583*303*295mm	580*322*280mm
电池组净重/毛重 battery pack N.W./G.W.	11.91kg/12.6kg	17.9kg/18.9kg	19kg/21kg	26kg/27kg	20.2kg/21.7kg	35kg/36.8kg
通讯接口 communication interface	蓝牙可选配 Bluetooth optional					
冷却方式 Cooling method	自然冷却 natural cooling					