

48V Rack-mounted LiFePO4 battery

48伏/51.2伏机架式磷酸铁锂电池, 能量密度高, 外观时尚, 安装与扩展便捷, 广泛应用于电信基站、商业储能、不间断电源(UPS)以及家庭储能系统。

48V/51.2V rack-mounted LiFePO4 battery, high energy density, stylish appearance, easy to install and expand, widely used in telecom base stations, commercial energy storage, UPS, Residential energy storage systems.



▲ 图片仅供参考
This picture is for reference only

产品介绍 Product Description

数字监控系统 APP
逆变器兼容性高
可靠的 LFP 电池

Digital monitoring system APP
High inverter compatibility
Reliable LFP cells

CANbus 标准连接
自然冷却系统
防护等级

CANbus standard connection
Natural cooling system
IP20

产品特点 Product Features



过充保护

Overcharge protection



过压保护

Overvoltage protection



过流保护

Overcurrent protection



循环使用

Recycling



低自放电

Low Self-Discharge



性能稳定

Stable performance

产品参数 Product parameters

产品型号 Model	HZL-J-51.2-100P	HZL-J-51.2-300P
标称电压 Nominal voltage	51.2V	
标称容量 Nominal capacity	100Ah/5120Wh	280Ah/14336Wh
电芯类型 Cell type	磷酸铁锂(LiFePO ₄)	磷酸铁锂(LiFePO ₄)
充电截止电压 Charging cut-off voltage	57.6V	
放电截止电压 Discharge cut-off voltage	43.2V	43.2V
最大持续放电电流 Max-continuous discharge current	100A	200A
瞬间放电电流 Instantaneous discharge current	200A	400A
显示屏 (选配) Display	LCD显示屏/触摸屏 LCD or touchscreen display screen	
标准充电电流 Standard charging current	<50A	<100A
标准放电电流 Standard discharge current	50A	100A
充电适合温度 Storage temperature	0°C~60°C	
放电适合温度 Operating temperature	- 20°C~60°C	
质保时间 Design life	5 Years	
循环次数 Cycle life	> 6000 90%DOD	
电池组尺寸 Battery pack size	480*676*153mm	480*805*250mm
电池组净重/毛重 Battery pack N.W./G.W.	53.2kg/55.6kg	130kg/152kg
通讯接口 Communication interface	CAN/RS232/RS485	
冷却方式 Cooling method	自然冷却 Air cooling/active balancing	