



3U Rack-Mounted LiFePO4 Battery
3U 机架式磷酸铁锂电池

3U机架式磷酸铁锂储能电池采用模块化设计，产品尺寸小，产品可以选配支架，选配支架后可以按需求堆叠扩容容量。广泛应用于电信基站、UPS后备电源、家庭光伏储能系统。

The 3U rack-mounted lithium iron phosphate energy storage battery adopts a modular design, with a small product size. The product can be equipped with a bracket, which can be stacked and expanded according to demand. It is widely used in telecommunications base stations, UPS backup power supplies, and home photovoltaic energy storage systems.



 **可以堆叠并联,增加容量**
Can be stacked in parallel to increase capacity

 **重量轻,体积小**
Light weight, Small size

 **循环寿命高达6000次**
Long cycle life, using high-quality LiFePO4 Cells, the cycle life is as high as 6000 times

 **智能电池管理系统**
Intelligent battery management system

 **支持多种通信协议**
Support a variety of communication protocols, support RS485, RS232, CAN etc

 **可兼容使用多种逆变器**
Compatible with a variety of inverters

 **出色的安全性能**
The battery will not catch fire, explode, leak, and be safer to use.

技术参数/Technical Parameter				
产品型号 Product Model	ZBL-25.6V100AH	ZBL-25.6V200AH	ZBL-48V100AH	ZBL-51.2V100AH
额定电压 Rated Voltage	25.6V		48V	51.2V
额定容量 Rated Capacity	100AH			
额定能量 Rated Energy	2.56KWh	5.12KWh	4.8KWh	5.12KWh
电芯类型 Cell Typ	磷酸铁锂(LiFePO4)			
组合方式 Composition	8S1P	8S2P	15S1P	16S1P
工作电压范围 Working Voltage Rang	21.6V-28.8V		40.5V-54V	43.2V-57.6V
输出功率 Output Power	Max:2.5KW	Max:5.5KW	Max:5KW	Max:5.5KW
持续充电电流 Max Charge Current	Max:50A	Max:100A	Max:50A	
持续放电电流 Max Discharge Current	Max:100A			
显示屏 Display	LCD显示屏/LCD Display Screen			
通讯接口 Communication Interface	RS485,RS232,CAN			
BMS保护功能 Protection Function	过流、过压、过充、过放、短路、温度等 Overcurrent, Overvoltage, Overcharging, Overdischarge, Short Circuit, Over-temperature, etc			
兼容逆变器 Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics Goodwe/SMA/Victron/SOROTEC/MUST/etc.			
充电环境温度 Charge Temperature	0°C-45°C			
放电环境温度 Discharge Temperature	-20°C-65°C			
储存温度 Storage Temperature	-10°C-45°C			
冷却方式 Cooling Method	自然风冷/Natural Cooling			
设计寿命 Design Life	10年/10 years			
循环次数 Cycles	6000@25°C /0.5C/80%DOD			
产品尺寸(mm) Battery Size(WxDxH)	L440*W430*H133mm			
包装尺寸(mm) Package Size(WxDxH)	L550*W540*H215mm			
净重 (KG) Net Weight	25.6Kg	44.5Kg	42.5Kg	44.5Kg
电池组毛重 (KG) Gross Weight	27.0Kg	47.0Kg	45.2Kg	47.0Kg

*支架标配 (可拆卸) Bracket standard (removable), 尺寸及重量仅供参考 Size and weight for reference only