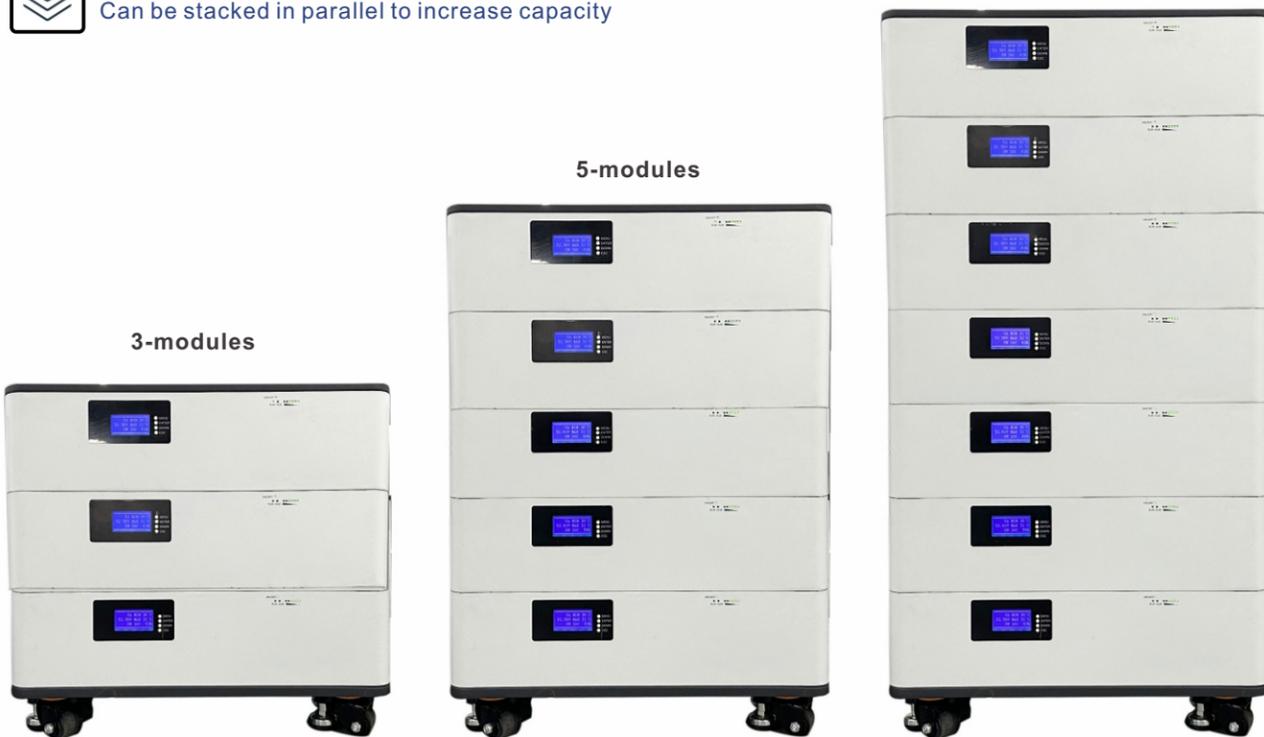## 51.2VStacked energy storage LiFePO4 battery
51.2V 堆叠式磷酸铁锂电池

51.2V 壁挂式 LiFePO4 电池，专为住宅储能设计，外观时尚简洁，最大堆叠数量为7层。通过堆叠并联后，电池可以增加容量。

51.2V wall-mounted LiFePO4 battery, designed for residential energy storage, has a stylish and simple appearance and a maximum stacking number of 7 layers. By stacking in parallel, the battery capacity can be increased.

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

5-modules

3-modules

技术参数/Technical Parameter					
产品型号 Product Model	ZBL-51.2V100AH	ZBL-51.2V200AH	ZBL-51.2V300AH	ZBL-51.2V400AH	ZBL-51.2V500AH
额定电压 Rated Voltage	51.2V				
额定容量 Rated Capacity	100AH	200AH	300AH	400AH	500AH
额定能量 Rated Energy	5.12KWh	10.24KWh	15.36KWh	20.48KWh	25.6KWh
电芯类型 Cell Typ	磷酸铁锂(LiFePO4)				
组合方式 Composition	16S1P	16S1P*2	16S1P*3	16S1P*4	16S1P*5
工作电压范围 Working Voltage Rang	43.2V-57.6V				
输出功率 Output Power	Max:5.5KW				
持续充电电流 Max Charge Current	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 Change Temperature	0℃-45℃				
放电环境温度 Dischange Temperature	-20℃-65℃				
储存温度 Storage Temperature	-10℃-45℃				
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℃ /0.5C/80%DOD				
单个电池尺寸(mm) Battery Size(WxDxH)	Single:L664*W400*H183mm				
单个包装尺寸(mm) Package Size(WxDxH)	Single:L715*W485*H265mm				
净重（KG） Net Weight	51.2Kg	102.4Kg	153.6Kg	204.8Kg	256.0Kg
电池组毛重（KG） Gross Weight	63.9Kg	127.8Kg	191.7Kg	255.6Kg	319.5Kg

尺寸及重量仅供参考Size and Weight for reference only