STACKED
LIFEPO4 BATTERY

Single-phase stacked all-in-one ESS ,It simple appearance design, beautiful and generous. Adopting high performance lithium iron phosphate (LFP) battery, superior performance, safe and reliable, can be charged and discharged 6000 times cycle. Integrated design, battery module can be flexibly combined between 1-4 modules. Large charging and discharging current, suitable for solar energy storage system. With intelligent BMS, real-time monitoring, CAN2.0/RS485 communication interface, and supporting various brands of inverters, it is the best choice for home energy storage scenarios.

2-modules

3-modules

4-modules

- Can be stacked in parallel to increase capacity
- Support a variety of communication protocols, support RS485, RS232, CAN etc
- Long cycle life, using high-quality LiFePO4 Cells, the cycle life is as high as 6000 times
- Compatible with a variety of inverters
- Built-in high-quality battery intelligent management system ensures stability and reliability of power supply.
- The power output port uses a quick-release connector for easy user operation.

Technical Parameter				
Model	ZB-S512200	ZB-S512400	ZB-S512600	ZB-S512800
Specification	51.2V200AH	51.2V200AH*2	51.2V200AH*3	51.2V200AH*4
Rated Voltage	51.2V			
Rated Capacity	200AH	400AH	600AH	800AH
Rated Energy	10.24KWh	20.48KWh	30.72KWh	40.96KWh
Cell Typ	LiFePO4			
Composition	16S1P	16S1P*2	16S1P*3	16S1P*4
Working Voltage Rang	43.2V-57.6V			
Output Power	Max:10.24KW			
Max Charge Current	Max:100A			
Max Discharge Current	Max:200A			
Display	LCD Display Screen			
Communication Interface	RS485,RS232,CAN			
BMS Protection Function	Overcurrent,Overvoltage,Overcharging,Overdischarge,Short Circuit,Over-temperature,etc			
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics Goodwe/SMA/Victron/SOROTEC/MUST/etc.			
Change Temperature	0℃-45℃			
Dischange Temperature	-20℃-65℃			
Storage Temperature	-10℃-45℃			
Cooling Method	Natural Cooling			
Design Life	10 years			
Cycles	6000@25℃ /0.5C/80%DOD			
Battery Size(WxDxH)	Single:L685*W435*H231mm			
Package Size(WxDxH)	Single:L765*W515*H315mm			
Net Weight	100.5Kg	201.0Kg	301.5Kg	402.0Kg
Gross Weight With	113.2Kg	226.4Kg	339.6Kg	452.8Kg

*Size and Weight for reference only

UN38.3 MSDS CE UK CA FC IEC CB RoHS