

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.



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-S512100	ZB-S512200	ZB-S512300	ZB-S512400	ZB-S512500
Specification	51.2V100AH	51.2V100AH*2	51.2V100AH*3	51.2V100AH*4	51.2V100AH*5
Rated Voltage	51.2V				
Rated Capacity	100AH	200AH	300AH	400AH	500AH
Rated Energy	5.12KWh	10.24KWh	15.36KWh	20.48KWh	25.6KWh
Cell Typ	LiFePO4				
Composition	16S1P	16S1P*2	16S1P*3	16S1P*4	16S1P*5
Working Voltage Rang	43.2V-57.6V				
Output Power	Max:5.5KW				
Max Charge Current	Max:50A				
Max Discharge Current	Max:100A				
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.				
Charge Temperature	0°C-45°C				
Discharge Temperature	-20°C-65°C				
Storage Temperature	-10°C-45°C				
Cooling Method	Natural Cooling				
Design Life	10 years				
Cycles	6000@25°C /0.5C/80%DOD				
Battery Size(WxDxH)	Single:L664*W400*H183mm				
Package Size(WxDxH)	Single:L715*W485*H265mm				
Net Weight	51.2Kg	102.4Kg	153.6Kg	204.8Kg	256.0Kg
Gross Weight	63.9Kg	127.8Kg	191.7Kg	255.6Kg	319.5Kg
Size and Weight for reference only					