



Lithium Iron Phosphate Battery



Lithium Battery System with Modular Stacked Design-Low Voltage



MAIN FEATURES

- Top brand cell, grade A quality
- High density, small size and weight
- Cells cycle times 6000 cycles
- Long lifespan: 5 years warranty, 10+ life design
- Big discharge current, Suitable for solar system.
- Smart BMS system to optimize the performance of solar inverter
- All around protection
- 48V Storage system with Modular and Stacked Design
- Smart bms supports communication with different brand of hybrid inverter



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TECHNICAL PARAMETER		SK-51.2V100AH	SK-51.2V200AH	SK-51.2V300AH	SK-51.2V400AH
SPECIFICATION	MODEL	SK-51.2V100AH	SK-51.2V200AH	SK-51.2V300AH	SK-51.2V400AH
System Demo					
Battery Module		SK-51.2V100AH			
No. of Module		1	2	3	4
Normal Capacity(25°C, 0.2C) (WH)		2600Wh	10.24KWh	15.36KWh	20.48KWh
Battery Type		LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)
Voltage window (Vdc)		44.8~58.4V	44.8~58.4V	44.8~58.4V	44.8~58.4V
Foist Charge Voltage(Vdc)		56.0V	56.0V	56.0V	56.0V
Max.pulse discharge current (A)		25	50	150	200
Max.continuous charge current (A)		50A 1Sec.	150A 1Sec.	300A 1Sec.	450A 1Sec.
Max.continuous charge current (A)		50	100	150	200
Cycle life(+25°C 0.2C 100%DOD)		>=6000 Cycles	>=6000 Cycles	>=6000 Cycles	>=6000 Cycles
Cell Equalizer Current(A)		1-5A Max.	1-5A Max.	1-5A Max.	1-5A Max.
Terminal		Double M8	Double M8	Double M8	Double M8
Storage temperature		0°C~30°C			
Storage duration		6 months at 25°C			
Safety standard		UN38.3,MSDS,CE			
IP degree		IP20			
Communication function		RS485/CAN(Communication protocol supported Inverter brand: Deye, Growatt, Valtion, GOODWE, VICTRON, PYLONTEC, SMA, SOFAR)			
Protection		Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection			
Noise(dB)		AMBIENT < 40dB (1 meter)			
Working Temperature		-10°C~+50°C			
Humidity		0~95% (no condensation)			
Sea Level(m)		=1500			
DIMENSION					
L*W*H (products size) (mm)		L655*W452*H119mm	L655*W452*H228mm	L655*W452*H355mm	L655*W452*H416mm
Weight(NW) (Kg)		33.0Kg	55.0Kg	118.0Kg	175.0Kg

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