


Standing 16pcs in parallel JAKA Solar 21KWH Lifepo4 Battery



 Premium Components: Cable & MCCB


 Below 45°C at Full Load for 30 min

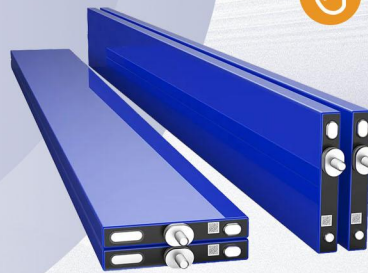
 6-Fold Safety Protection Design

 99% Inverter Compatibility

 2A Active Balancing

 Bluetooth / APP Monitoring

 4.3" Touch Screen



BYD Blade Battery Cells
The Safest Cells



Built-in Fire Suppression System



7.4kWh



14.3kWh



21kWh



Ultra-thin

Datasheet

Electrical Characteristics

Rate voltage(DC)	51.2V		
Display type	4.3-inch touch screen		
Rate capacity	145Ah	280Ah	410Ah
Energy storage	7.4kWh	14.3kWh	21kWh
MAX output power	5120W	10240W	10240W
Cycle life	10000 cycles @80% DOD		

Charge/Discharge Standard

Charge voltage(V)	56V		
Max. charge/discharge (A)	100A	200A	200A
Intelligent BMS	JK 2A Active Balance BMS		
Discharge cut-off voltage(DC)	43.2V		
Charge cut-off voltage(DC)	58.4V		

Environment

Charge temperature	0°C to 65°C@60+25% Relative Humidity		
Discharge temperature	-20°C to 65°C@60+25% Relative Humidity		
Storage temperature	-20°C to 65°C@60+25% Relative Humidity		

Mechanical

IP class	IP40 (Indoor Use)		
Material system	LiFePO4		
Case materia	Metal		
Case type	Floor Standing Against Wall (No wheels)		
Dimension L*W*H(mm)	1075*480*140	1075*730*140	1075*730*170
Warranty(Years)	10-year warranty		
Net weight(kg)	66	119	148
Gross weight(kg)	82	141	170

Communication

Protocol	CAN/RS485/RS232		
Monitoring	Bluetooth		

Certificates

Battery pack	CE, EMC, IEC 62619, MSDS, UN38.3		
Cells	UN38.3, MSDS, IEC62619, CE, UL1973		

Cycle life data is based on standard laboratory test conditions