

# 24V–Energy Storage LiFePO4 Battery

25.6V 100AH~300AH



- Wide application: van, solar storage golf cart, etc
- The installation is simple and user-friendly
- IP65 waterproof and dustproof rating
- Long cycle life: ≥6000 times @25°C (80%DOD)
- Higher rated capacity up to 300AH
- Never catch fire, explode, leak, and safer to use.

Model	BR-24100A	BR-24230A	BR-24300A
<b>Main Parameter</b>			
Cell Technology	Lithium-iron Phosphate (LiFePO4)		
Nominal Energy	2560Wh	5888Wh	7782wh
Round-Trip Efficiency	98%		
Scalability	Max.15 Modules in Parallel		
Dimensions(L/W/H) (cm)	330*482*177mm	475*248*618mm	475*255*770mm
Weight	29KG	53KG	59KG
Warranty	5 Years Product Warranty		
	10 Years Performance Warranty		
<b>Electrical Parameter</b>			
Nominal Voltage	25.6V		
Nominal Capacity	100Ah	230Ah	300Ah
Series or Parallel Connection	8S1P		
Maximum Charge Current	100A	200A	200A
Charge Current (-20 to -10 °C)	≤0.05C		
Recommended Charge Voltage	28.8V		
BMS Charge Voltage Cut-Off	21.6V (3.75±0.025vpc)		
Reconnect Voltage	27.5V (3.34 ±0.05vpc)		
Case Material	Metal/Plastic		Metal
Enclosure Protection	IP54		
Maximum Continuous Discharge Current	100A	200A	200A
Discharge Temperature	-20 to 60°C (-4 to 140 °F)		
Charge Temperature	0 to 45°C (32 to 113 °F)		
<b>General Parameter</b>			
Cycle Life	≥6000 Times (80% DOD)		
Service Life	10 Years Performance Warranty		
Protection Rating	IP21		
Display	SOC Status Indicator, LED Indicator		
Communication	RS485, RS232, CAN		
Charge Temperature Range	0°C~60°C (Under 0°C extra heating mechanism)		
Discharge Temperature Range	-20°C~60°C (Under 0°Cwork with reduced capacity)		
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity		
Compatible Inverters	Victron, Pylon, Deye, SMA, Growatt, Goodwe, MPP, Voltronicpower, Pchne, Sofarsolar, Megarevo, Tbbpower, ARUN, Schneider Etc.		

\* Compatible tests with different brands of inverter are continuously, updates will be periodically  
 \*\* Under specific test conditions.