



JR3U4800/JR5U9600

Rack Mounted LiFePO4 Battery

4.8kWh / 9.6kWh



LFP (LiFePO4) high safety chemistry



Natural cooling



Rack mounted and parallel connection



Wide working temperature range



Battery Management System



Long life cycle

JR3U4800/JR5U9600 Rack Mounted LiFePO4 Battery

- LFP (LiFePO4) chemistry.
- Residential and small commercial application.
- Rack mounted and free stand installation.
- Natural cooling.

Technical Data	JR3U4800	JR5U9600
Nominal Energy:	4.8 kWh	9.6 kWh
Nominal Voltage:	48 V	
Nominal Capacity:	100 Ah	200 Ah
Peak Output Power (3 Seconds):	7.68 kW	9.6 kW
Max. Charge/Discharge Current:	60/60 A	120/120 A
Recommended Charge/Discharge Current:	50/50 A	100/100 A
Scalability:	Max. 8 pcs. in Parallel	Max. 16 pcs. in Parallel
Round-Trip Efficiency:	≥97.5%	
Operating Voltage Range:	42~55 V	
Ingress Protection Rating:	IP21	
Working Temperature:	-20~55°C	
Cooling Method:	Natural Cooling	
Recommended DOD:	80%	
Cycle Life:	>6000 Cycles (80% DOD / 25°C / 0.5C)	
Design Life:	+20 Years (25°C)	
Relative Humidity:	5%~95%	
Max. Operating Altitude:	2000 m	
Communication:	CAN / RS485	
Certifications:	UL1973, IEC62619, UN38.3	
Dimensions (WxHxD):	442x133x550 mm	442x232x540 mm
Weight:	41 kg	75 kg

