



JR 2000-5/3000-10

Off-Grid All-In-One Energy System

5.12kWh / 10.24kWh



Plug and play



Multiple working modes



MPPT and pure sine wave inverter



AC charge and UPS function



LFP (LiFePO4) high safety battery



Smart protection for safe use

JR 2000-5/3000-10 Off-Grid All-In-One Energy System

- Integrated by MPPT solar charge, AC charger, inverter and lithium battery.
- LFP (LiFePO4) chemistry battery.
- Residential application.
- Auto fan cooling.
- Easy to install and move.

Technical Data	JR 2000-5	JR 3000-10
Rated AC Output Power:	3 kW	5 kW
Peak Power (20 ms):	9 kW	15 kW
AC Output Voltage:	100-120 V / 220-240 V	
Output Frequency:	50/60 Hz	
Output Waveform:	Pure Sine Wave	
USB Output:	5V 2A	
Max. AC Charge Current:	40 A	
Max. PV Input Power:	2080 W	3120 W
Max PV Input Voltage:	150 V	
MPPT Charging Current:	48V 40A	48V 60A
Battery Capacity:	5.12 kWh	10.24 kWh
Nominal Voltage:	51.2 V	
Operating Voltage Range:	44.8~58.5 V	
Protection:	Short Circuit, Over Charge/Discharge, Over Current/Temp	
Ingress Protection Rating:	IP40	
Working Temperature:	-20~55°C	
Cycle Life:	>6000 Cycles	
Communication:	RS485	
Certifications:	CE, TÜV, IEC, RoHs	
Warranty:	3 Years	
Dimensions (WxHxD):	592x820x260 mm	642x1129x280 mm
Weight:	90 kg	140 kg

