

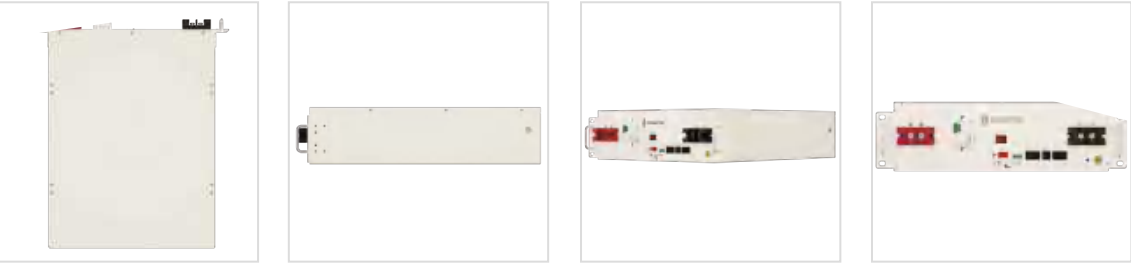
Battery Pack

MOON5-R Pro

5kWh



NOMINAL CAPACITY 100Ah	MAX. PARALLEL QUANTITIES 15 PCS
MAX. CONTINUOUS CHARGING/DISCHARGING CURRENT 50A/100A	CYCLE LIFE >6000 CYCLES (25°C, 0.5C/0.5C)



PRODUCT FEATURES

- Max. 1C output current
 - Up to 15 packs can be parallel connected
 - With circuit breaker controlled by BMS
- High inverter compatibility
 - Safe LiFePO4 rechargeable battery
 - High usable energy ratio, less self-consumption

Technical Data

Model	MOON5 -R Pro
Nominal Energy (Wh)	5000
Nominal Capacity (Ah)	100
Nominal Voltage (V)	51.2
Operation Voltage Range (V)	44.8~57.6
Recommend Charge Current (A)	50
Max. Continuous Charge Current (A)	50
Recommend Discharge Current (A)	50
Max. Continuous Discharge Current (A)	100
Max. Parallel Quantities (pcs)	15
Operation Temperature	Charge Temperature: 0~55°C Discharge Temperature: -20~55°C
Operation Humidity	20~80%RH (No condensing)
Protection Degree	IP21
Dimension (mm)	420Wx134.5Hx550D (Without ear and handle)
Net Weight (kg)	45
Installation	Rack mounted
Certification	IEC62619,CE-EMC, ROHS, UN38.3
Communication	CAN, RS485
Cycle Life	6000±90%DOD, 70%EOL@25°C/0.5C