Battery Pack

MOON5-R



Product Features

- Max. 1C output current
- Up to 15 packs can be parallel connected
- High inverter compatibility
- Safe LiFePO4 rechargeable battery
- High usable energy ratio, less self-consumption
- Without toxic heavy metal or caustic materials

Technical Data

Model	MOON5-R
Nominal Energy (Wh)	5,120
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)	420Wx134.5Hx510D (Without ear and handle)
Net Weight (kg)	45
Installation	Rack mounted
Certification	IEC62619, CE-EMC, ROHS, UN38.3
Communication	CAN, RS485
Cycle Life	≥6,000 Cycles @ 90% DoD, 70% EOL (25°C, 0.5C)