

RACK MOUNT LIFEPO4 BATTERY SOLUTION

RackArk

48V

SunArk lithium battery adopts the latest HESS battery system. With rich experience and advanced techniques, the product has the features of the fashionable design, high energy,



< 100AH / 200AH >

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Long life & safety

6000 cycles with 80% DOD,
high-quality prismatic battery cell



Plug In And Play

Plug in batteries then working, easy
to install and set up



Compatibility

Compatible with most of the
available Hybrid inverters



Smart Monitoring

Monitoring Website Easy to monitor
products at anytime anywhere



Intelligent

Each battery with independent BMS
system manages power output smartly



Safety Cert

UL1642, IEC62619, CE, UN38.3, MSDS.

Battery Specifications

Model	RackArk-48100	RackArk-48200
Nominal Voltage	48V	
Nominal Capacity	100AH	200AH
Battery Cell	3.2V 100Ah Prismatic Battery Cell	
Parallel Capacity	Yes, 15units maximum	
Max.Charging Current	100A	
Max.Discharging Current	100A	
Charging/Discharging Voltage	42~54V	
Discharge Cut-off Voltage	41V	
Design life	15+ Years (25°C/77°F)	
Cycle life	> 6000 Cycles, 25°C	
Communication Port	CAN,RS485,RS232	
Size (L*W*H)	460*442*180mm	680*442*180mm
Weight	46kg ± 1kg	85kg ± 1kg
Operation Temperature Range	Charge:0~55°C / Discharge: -20~55°C	
Shelf Temperature	10~50°C	

Product Image

