

Racked Battery

B4.8K-XRLA



- 2-15 units can be used in parallel
 - Convinient to PLUG IN/OUT
 - 6000 cycles life
 - Precise Battery Management Technology
- High-density LiFePO4 battery, safer to use
 - Possess industry-leading BMS technology
 - Compatible with mainstream inverters
 - DOD 80% ,extend battery life



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model	B4.8K-XRLA
Basic Information	
Nominal Voltage	48V DC
Voltage Range	40.5V-54.75V
Nominal Capacity	100Ah
Rated Capacity	4.8kWh
Communication Protocol	CAN/RS485/RS232
Max. Number Of Parallel Connections	15
Cycle Life	6000 Cycles (@80% DoD)
Protection Mechanism	Temperature Protection/Over-Current Protection/Short-Circuit Protection Over-Charge Protection/Over-Discharge Protection/Low-Voltage Protection
Charging Parameters	
Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	54V
Max. Charging Voltage	54.75V
Discharging Parameters	
Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-Off Voltage	41.25V
Battery Cut-Off Voltage	40.5V
Battery Recovery Voltage	45V
General Parameters	
Dimension[W*D*H](mm)	500*484*178mm
Gross/Net Weight	44kg/41.5kg
Shell Material	Sheet Metal
Protection Rating	IP20
Installation Method	Rack Mode
Cell Type	LiFePO4
Certification & Safety Standard	
Safety Certification	CE
Transportation Safety Certification	UN38.3,Class9
Temperature Parameters	
Discharging Temperature	-20~65°C
Charging Temperature	0~55°C
Storage Temperature	-20~45°C