

# Racked Battery

## B5.12K-XRLA-3U



- Supports multiple brands of energy storage inverters.
- Intelligent BMS equipped inside to maintain the battery always work at best condition.
- Max.charge and discharge current as 150A which is specially designed for solar energy.
- LiFePO4 battery, more stable and safe.
- Excellent standby self-consumption as low as 4mA.
- Automatically output cut off after 30days nocharge and discharge to ensure security also can cut off output by manual operation.



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

### Model

B5.12K-XRLA-3U

### Nominal Characteristics

Nominal Voltage	51.2V
Nominal Capacity (25°C/0.2C)	100Ah

### Mechanical Characteristics

Net Weight	46.0Kg
Dimension (L*W*H mm)	565*440*132 mm
Terminal	Double M6

### Electrical Characteristics

Voltage Window	44.8V to 58.4V
Charge Voltage	55.2V to 57.6V
Max. Continue Discharge Current	100A
Max. Pulse Discharge Current	150A 1Sec.
Max. Continue Charge Current	50A

### Operating Conditions

Cycle Life (+25C,0.5C/90% DOD/60% EOL)	>6000 Cycles
Operation Temperature	Discharge -10°C to+50°C/Charge 0°C to+50°C
Storage Temperature	0°C to 30°C
Storage Duration	6°C Months at 25°C
Safety Standard	UN38.3/MSDS
Protection Level	IP20