

# Rached Battery

## B4.8K-XRLA



- 2-15 units can be used in parallel
- Convinient to PLUG IN/OUT
- 6000 cycles life
- Precise Battery Management Technology



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

- High-density LiFePO4 battery, safer to use
- Possess industry-leading BMS technology
- Compatible with mainstream inverters
- DOD 80% ,extend battery life

| 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<br>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 |