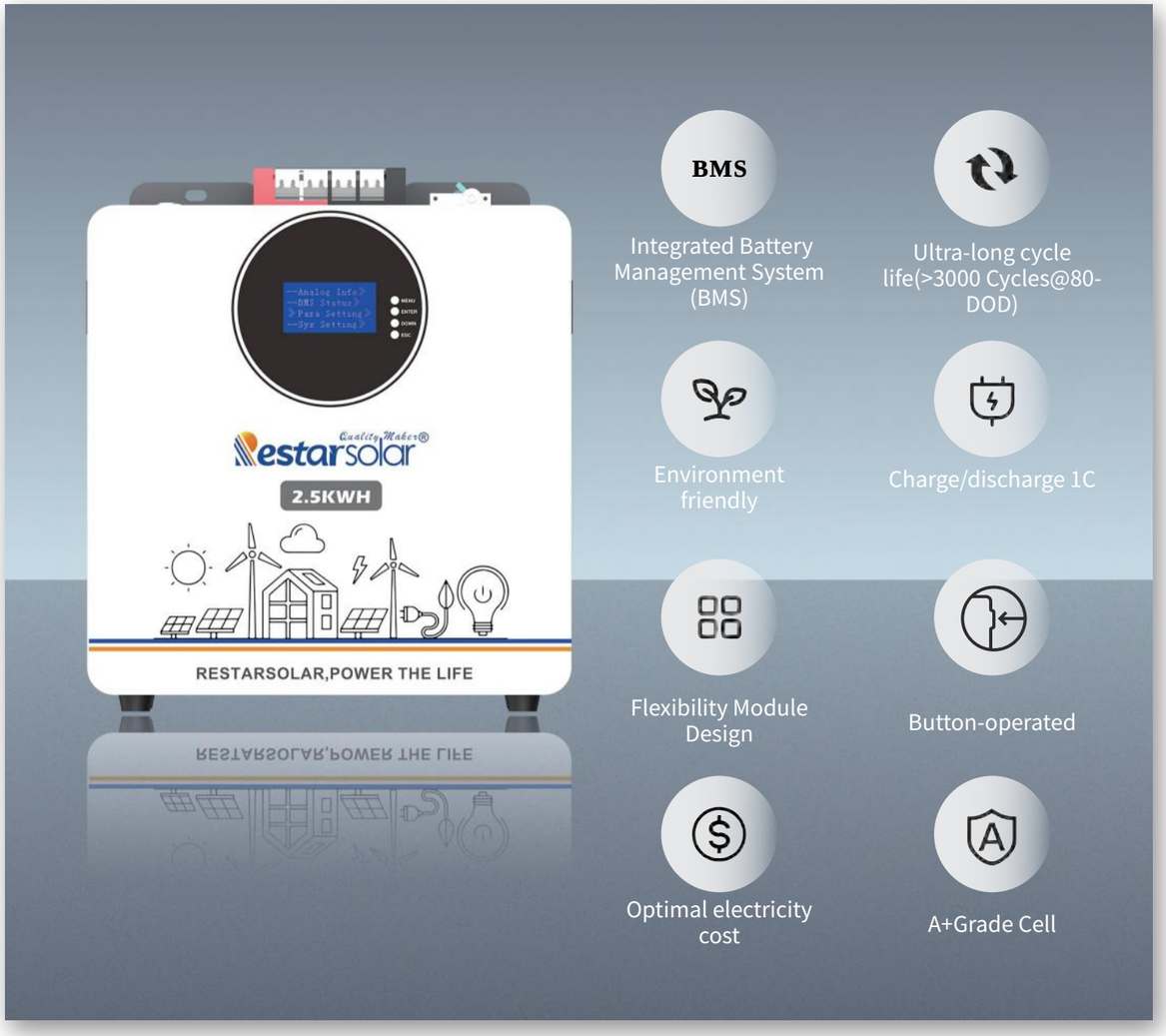
# LiFePO4 BATTERY

## 25.6V100AH(RT-B2.5KWH-25.6V)




| BMS CHARACTERISTICS | | |
|---|---|---|
| Charging Protection | Current :110A | Delay Time: 1s |
| Primary Discharging Protection | Current :110A | Delay Time: 1s |
| Second Discharging Protection | Current :150A | Delay Time: 500ms |
| Over Charge Voltage Protection | Voltage :29.2V | Delay Time: 1~2s |
| Over Discharge Voltage Protection | Voltage :21.6V | Delay Time: 1~2s |
| Temperature Protection | PCB (Temperature≥115°C,Recover≤85°C) | |
| Communication Port | RS485/CAN for inverter ,RS232 for computer | |

| BATTERY SPECIFICATIONS | |
|---|---|
| Battery Type - Chemistry | LiFePO4 |
| Nominal Voltage | 25.6V |
| Nominal Capacity | 100Ah |
| Energy Density | 2560Wh |
| Dimensions(LxWxH) | 372.5*356.0*168.0(mm) |
| Weight | 22.5KGS |
| Case Material | SGCC |
| BMS Built-in | Yes |
| Ah Efficiency (Round-trip) | >98% |
| Self-Discharge per Month | <3.5% |
| Max in Parallel | 15PCS |
| Max in Series | Not Allowed |
| LCD Screen | Key Screen |
| Voltage Range | 21.6V-29.2V |
| Recommended Charge Voltage | 28.8V |
| Max Charge Voltage | 29.2V |
| Recommended Charge Current | 70A |
| Max Continuous Charge Current | 100A |
| Recommended Discharge Voltage | 22.4V |
| Max Discharge Voltage | 21.6V |
| Max Continuous Discharge Current | 100A |
| Cycle Life(0.5C, 25°C@80% DOD) | 3000 Cycles |
| Recommended Discharge Cut-off SOC | ＜20% |
| Recommended Charge Cut-off SOC | ＞90% |
| Recommended SOC for Long-term Non-use | 40% to 60% |
| Discharge Temperature | -30°C to 60°C |
| Charge Temperature | 0°C to 60°C |
| Storage Temperature | -20°C to 60°C(Recommended -10°C to 35°C) |
| Wi-Fi&Bluetooth App(Option) | Yes |
| Certification | UN38.3/MSDS |

# LiFePO4 BATTERY

## 51.2V100AH(RT-B5KWH-51.2V)


| BMS CHARACTERISTICS | | |
|---|---|---|
| Charging Protection | Current :110A | Delay Time: 1s |
| Primary Discharging Protection | Current :110A | Delay Time: 1s |
| Second Discharging Protection | Current :150A | Delay Time: 500ms |
| Over Charge Voltage Protection | Voltage :58.4V | Delay Time: 1~2s |
| Over Discharge Voltage Protection | Voltage :43.2V | Delay Time: 1~2s |
| Temperature Protection | PCB (Temperature≥115°C,Recover≤85°C) | |
| Communication Port | RS485/CAN for inverter ,RS232 for computer | |

| BATTERY SPECIFICATIONS | |
|---|---|
| Battery Type - Chemistry | LiFePO4 |
| Nominal Voltage | 51.2V |
| Nominal Capacity | 100Ah |
| Energy Density | 5120Wh |
| Dimensions(LxWxH) | 524.0*440.0*168.5(mm) |
| Weight | 40.3KGS |
| Case Material | SGCC |
| BMS Built-in | Yes |
| Ah Efficiency (Round-trip) | >98% |
| Self-Discharge per Month | <3.5% |
| Max in Parallel | 15PCS |
| Max in Series | Not Allowed |
| LCD Screen | Key Screen |
| Voltage Range | 43.2V-58.4V |
| Recommended Charge Voltage | 57.6V |
| Max Charge Voltage | 58.4V |
| Recommended Charge Current | 70A |
| Max Continuous Charge Current | 100A |
| Recommended Discharge Voltage | 44.8V |
| Max Discharge Voltage | 43.2V |
| Max Continuous Discharge Current | 100A |
| Cycle Life(0.5C, 25°C@80% DOD) | 3000 Cycles |
| Recommended Discharge Cut-off SOC | ＜20% |
| Recommended Charge Cut-off SOC | ＞90% |
| Recommended SOC for Long-term Non-use | 40% to 60% |
| Discharge Temperature | -30°C to 60°C |
| Charge Temperature | 0°C to 60°C |
| Storage Temperature | -20°C to 60°C(Recommended -10°C to 35°C) |
| Wi-Fi&Bluetooth App(Option) | Yes |
| Certification | UN38.3/MSDS |

# LiFePO4 BATTERY

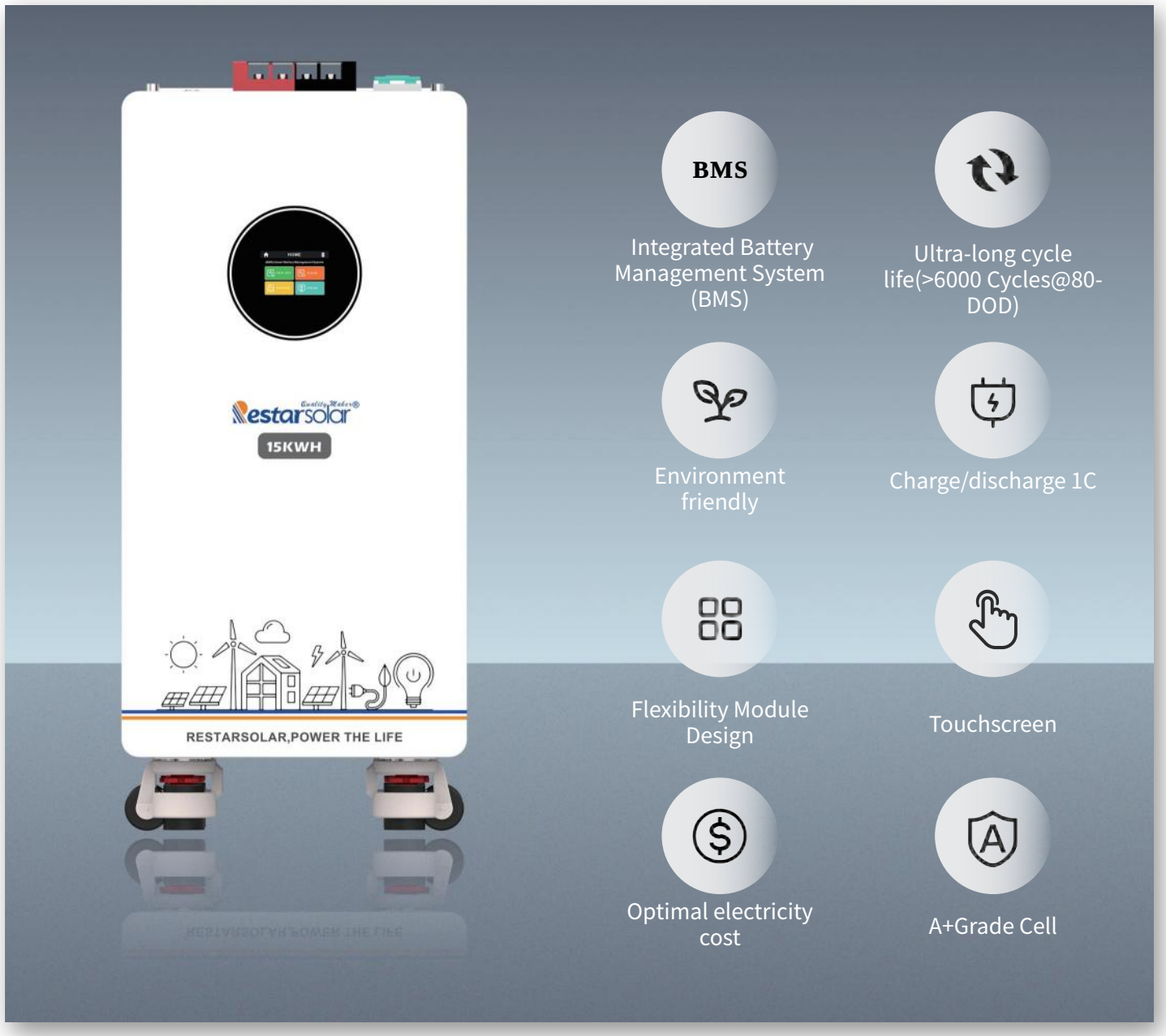
## 51.2V205AH(RT-B10KWH-51.2V)


| BMS CHARACTERISTICS | | |
|---|---|---|
| Charging Protection | Current :210A | Delay Time: 1s |
| Primary Discharging Protection | Current :210A | Delay Time: 1s |
| Second Discharging Protection | Current :250A | Delay Time: 500ms |
| Over Charge Voltage Protection | Voltage :58.4V | Delay Time: 1~2s |
| Over Discharge Voltage Protection | Voltage :43.2V | Delay Time: 1~2s |
| Temperature Protection | PCB (Temperature≥115°C,Recover≤85°C) | |
| Communication Port | RS485/CAN for inverter ,RS232 for computer | |

| BATTERY SPECIFICATIONS | |
|---|---|
| Battery Type - Chemistry | LiFePO4 |
| Nominal Voltage | 51.2V |
| Nominal Capacity | 205Ah |
| Energy Density | 10496Wh |
| Dimensions(LxWxH) | 649.7*384.9*237.2(mm) |
| Weight | 76.8KGS |
| Case Material | SGCC |
| BMS Built-in | Yes |
| Ah Efficiency (Round-trip) | >98% |
| Self-Discharge per Month | <3.5% |
| Max in Parallel | 15PCS |
| Max in Series | Not Allowed |
| LCD Screen | Touchscreen |
| Voltage Range | 43.2V-58.4V |
| Recommended Charge Voltage | 57.6V |
| Max Charge Voltage | 58.4V |
| Recommended Charge Current | 130A |
| Max Continuous Charge Current | 200A |
| Recommended Discharge Voltage | 44.8V |
| Max Discharge Voltage | 43.2V |
| Max Continuous Discharge Current | 200A |
| Cycle Life(@80% DOD) | 6000 Cycles |
| Recommended Discharge Cut-off SOC | ＜20% |
| Recommended Charge Cut-off SOC | ＞90% |
| Recommended SOC for Long-term Non-use | 40% to 60% |
| Discharge Temperature | -30°C to 60°C |
| Charge Temperature | 0°C to 60°C |
| Storage Temperature | -20°C to 60°C(Recommended -10°C to 35°C) |
| Wi-Fi&Bluetooth App(Option) | Yes |
| Certification | UN38.3/MSDS |

# LiFePO4 BATTERY

## 51.2V300AH(RT-B15KWH-51.2V)

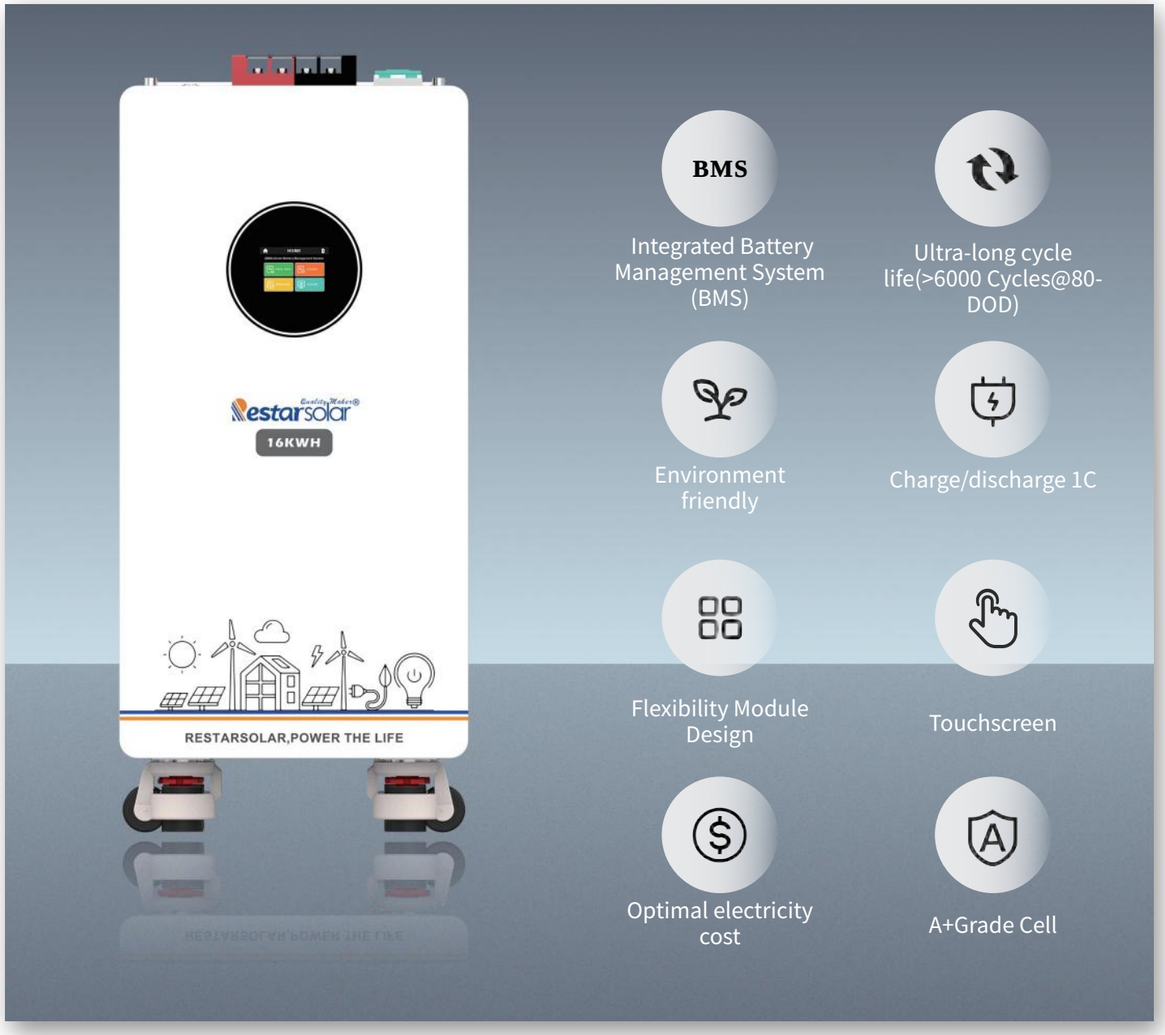



| BMS CHARACTERISTICS | | |
|---|---|---|
| Charging Protection | Current :210A | Delay Time: 1s |
| Primary Discharging Protection | Current :210A | Delay Time: 1s |
| Second Discharging Protection | Current :250A | Delay Time: 500ms |
| Over Charge Voltage Protection | Voltage :58.4V | Delay Time: 1~2s |
| Over Discharge Voltage Protection | Voltage :43.2V | Delay Time: 1~2s |
| Temperature Protection | PCB (Temperature≥115°C,Recover≤85°C) | |
| Communication Port | RS485/CAN for inverter ,RS232 for computer | |

| BATTERY SPECIFICATIONS | |
|---|---|
| Battery Type - Chemistry | LiFePO4 |
| Nominal Voltage | 51.2V |
| Nominal Capacity | 300Ah |
| Energy Density | 15360Wh |
| Dimensions(LxWxH) | 803.0*384.2*251.5(mm) |
| Weight | 103.5KGS |
| Case Material | SGCC |
| BMS Built-in | Yes |
| Ah Efficiency (Round-trip) | >98% |
| Self-Discharge per Month | <3.5% |
| Max in Parallel | 15PCS |
| Max in Series | Not Allowed |
| LCD Screen | Touchscreen |
| Voltage Range | 43.2V-58.4V |
| Recommended Charge Voltage | 57.6V |
| Max Charge Voltage | 58.4V |
| Recommended Charge Current | 140A |
| Max Continuous Charge Current | 200A |
| Recommended Discharge Voltage | 44.8V |
| Max Discharge Voltage | 43.2V |
| Max Continuous Discharge Current | 200A |
| Cycle Life(@80% DOD) | 6000 Cycles |
| Recommended Discharge Cut-off SOC | ＜20% |
| Recommended Charge Cut-off SOC | ＞90% |
| Recommended SOC for Long-term Non-use | 40% to 60% |
| Discharge Temperature | -30°C to 60°C |
| Charge Temperature | 0°C to 60°C |
| Storage Temperature | -20°C to 60°C(Recommended -10°C to 35°C) |
| Wi-Fi&Bluetooth App(Option) | Yes |
| Certification | UN38.3/MSDS |

# LiFePO4 BATTERY

## 51.2V 314AH (RT-B16KWH-51.2V)




| BMS CHARACTERISTICS | | |
|---|---|---|
| Charging Protection | Current :210A | Delay Time: 1s |
| Primary Discharging Protection | Current :210A | Delay Time: 1s |
| Second Discharging Protection | Current :250A | Delay Time: 500ms |
| Over Charge Voltage Protection | Voltage :58.4V | Delay Time: 1~2s |
| Over Discharge Voltage Protection | Voltage :43.2V | Delay Time: 1~2s |
| Temperature Protection | PCB (Temperature≥115°C,Recover≤85°C) | |
| Communication Port | RS485/CAN for inverter ,RS232 for computer | |

| BATTERY SPECIFICATIONS | |
|---|---|
| Battery Type - Chemistry | LiFePO4 |
| Nominal Voltage | 51.2V |
| Nominal Capacity | 314Ah |
| Energy Density | 16077Wh |
| Dimensions(LxWxH) | 803.0*384.2*251.5(mm) |
| Weight | 103.5KGS |
| Case Material | SGCC |
| BMS Built-in | Yes |
| Ah Efficiency (Round-trip) | >98% |
| Self-Discharge per Month | <3.5% |
| Max in Parallel | 15PCS |
| Max in Series | Not Allowed |
| LCD Screen | Touchscreen |
| Voltage Range | 43.2V-58.4V |
| Recommended Charge Voltage | 57.6V |
| Max Charge Voltage | 58.4V |
| Recommended Charge Current | 140A |
| Max Continuous Charge Current | 200A |
| Recommended Discharge Voltage | 44.8V |
| Max Discharge Voltage | 43.2V |
| Max Continuous Discharge Current | 200A |
| Cycle Life(@80% DOD) | 6000 Cycles |
| Recommended Discharge Cut-off SOC | ＜20% |
| Recommended Charge Cut-off SOC | ＞90% |
| Recommended SOC for Long-term Non-use | 40% to 60% |
| Discharge Temperature | -30°C to 60°C |
| Charge Temperature | 0°C to 60°C |
| Storage Temperature | -20°C to 60°C(Recommended -10°C to 35°C) |
| Wi-Fi&Bluetooth App(Option) | Yes |
| Certification | UN38.3/MSDS |