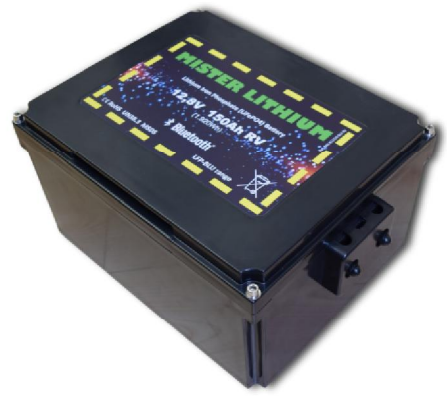


MISTER BATTERY +



Rechargeable LiFePO4 12V 150Ah

RNS B12150 BLU RV

Benefits : | Longer Cycle Life
Lighter Weight
Higher Power
Wider Temperature Range
Superior Safety

Applications : | Electric vehicles, Golf cart /RV /Marine
Solar/wind energy storage system
UPS, back up power, Telecommunication
General purpose lead acid battery replacement
Compatible with most lead acid chargers

| | | |
|-----------------------------------|---------------------------|---|
| Electrical Characteristics | Nominal Voltage | 12,8V |
| | Nominal Capacity | 150Ah |
| | Energy | 1.920Wh |
| | Cycle Life | >3.000 cycles @ 0,2C 80% DOD |
| | Months Self Discharge | <3% |
| | Efficiency of Charge | >99% @0,2C |
| | Efficiency of Discharge | 96~99%@0,5C |
| Standard Charge | Charge Voltage | 14,6±0.2V |
| | Charge Mode | CC/CV |
| | Charge Current | 30A |
| | Max. Charge Current | 150A |
| Standard Discharge | Continuous Current | 150A |
| | Max.Pulse Current | 160A(<3s) |
| | Discharge Cut-off Voltage | 11V |
| Environmental | Charge Temperature | 0°C to 55°C @60±25% Relative Humidity |
| | Discharge Temperature | -20°C to 60°C @60±25% Relative Humidity |
| | Storage Temperature | -20°C to 45°C @60±25% Relative Humidity |
| | IP Class | IP65 |
| | Certifications | CE, RoHS, UN38.3 |
| Mechanical | Plastic Case | ABS+PC (the upper cover can be removed for maintenance) |
| | Connection | M8 |
| | Weight | 20,8KG |
| | Dimensions | 390mm x 280mm x 188mm |
| Applications | Installation | Parallel connection |
| | Control | Battery management system (BMS) integrated |
| | Monitoring | Bluetooth monitoring, iOS & Android App |

Specifications are subject to change without notice to improve reliability, function, design or otherwise.

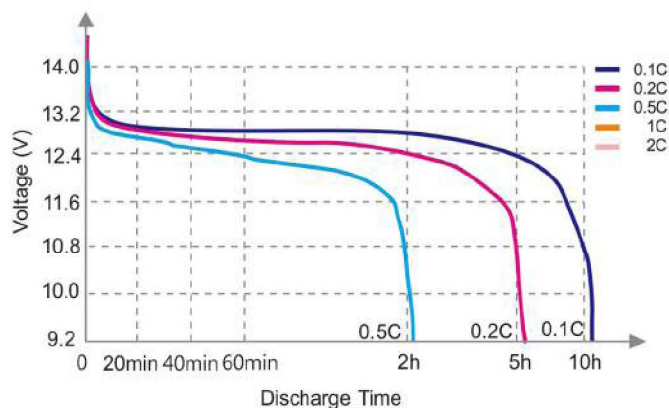
MISTER BATTERY +

Rechargeable LiFePO4 12V 150Ah

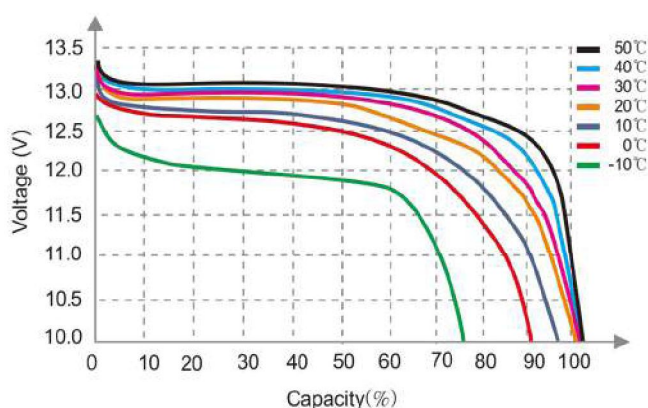
RNS B12150 BLU RV



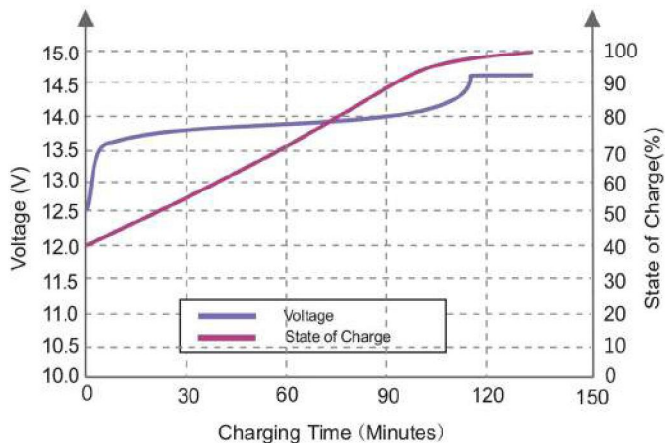
Different Rate Discharge Curve(25°C)



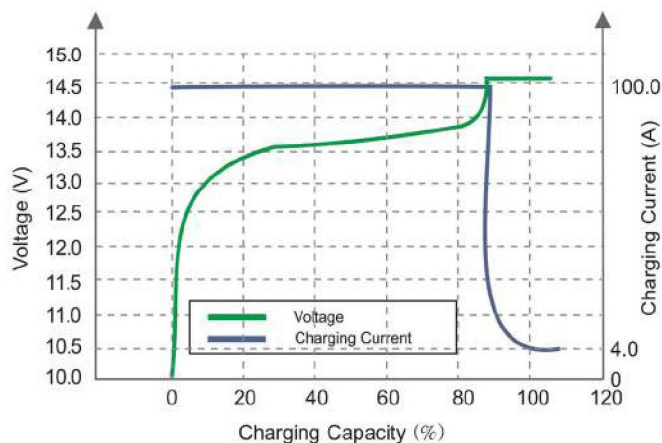
Different Temperature Discharge Curve(0.5C)



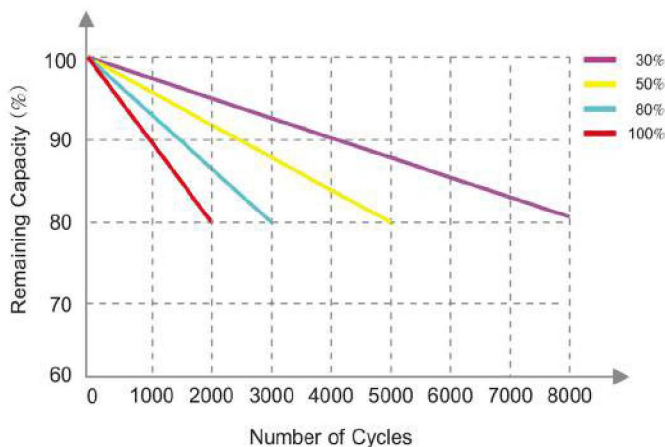
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

