

MISTER BATTERY



Rechargeable LiFePO4 12V 200Ah

RNS B12200 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	200Ah
	Energy	2.560Wh
	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	40A
	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	26,4KG
	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.

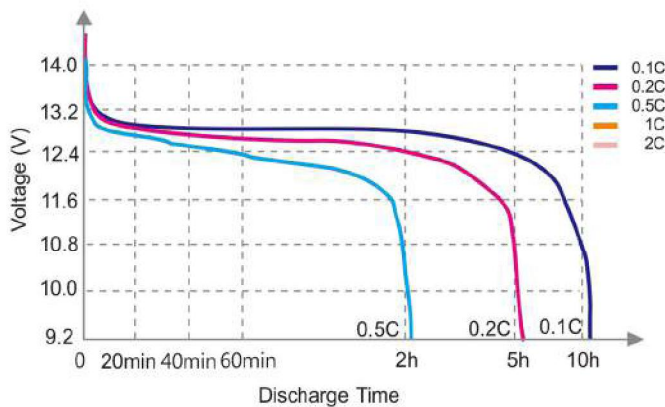
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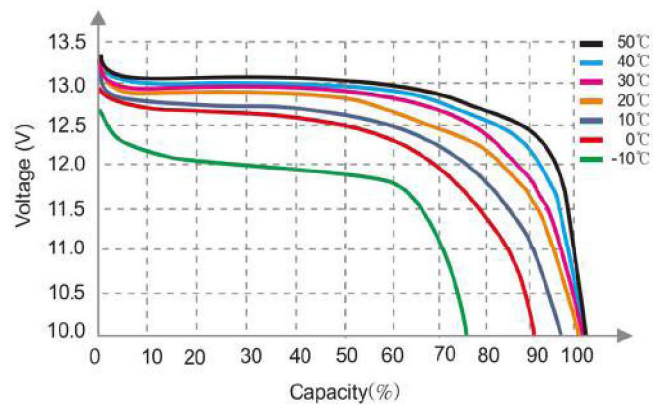
RNS B12200 BLU RV



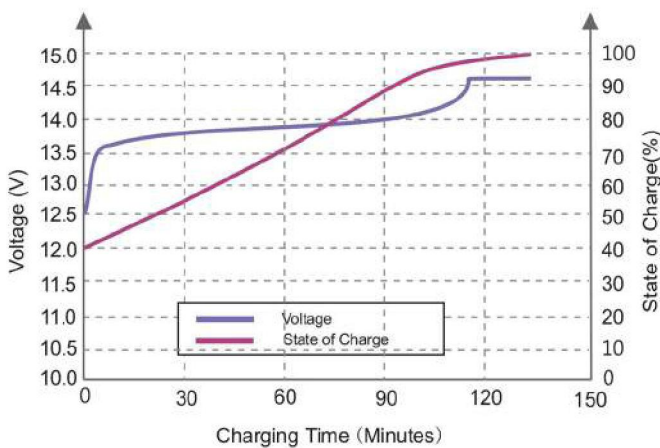
Different Rate Discharge Curve(25°C)



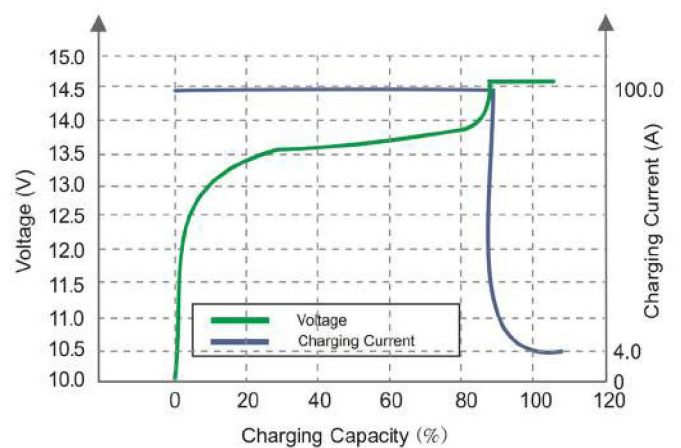
Different Temperature Discharge Curve(0.5C)



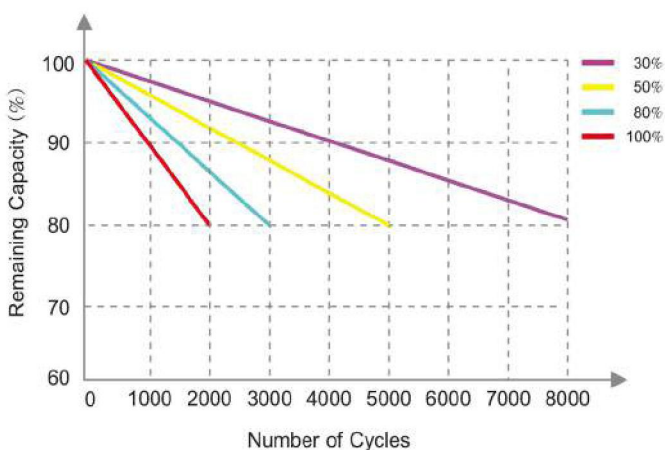
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

