

MISTER BATTERY +



Rechargeable LiFePO4 12V 10Ah

RNS B12010 ML

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	10Ah
	Energy	128Wh
	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	14,4±0.2V
	Charge Mode	CC/CV
	Charge Current	2A
	Max. Charge Current	10A
Standard Discharge	Continuous Current	10A
	Max.Pulse Current	30A
	Discharge Cut-off Voltage	10V
Environmental	Charge Temperature	0°C to 65°C @60±25% Relative Humidity
	Discharge Temperature	-10°C to 75°C @60±25% Relative Humidity
	Storage Temperature	-20°C to 45°C @60±25% Relative Humidity
	IP Class	IP65
	Certifications	
Mechanical	Plastic Case	ABS+PC
	Connection	Faston 4.7mm
	Weight	1,7KG
	Dimensions	150mm x 65mm x 95mm
Applications	Installation	Parallel connection allowed
	Control	Battery management system (BMS) integrated
	Monitoring	Not available

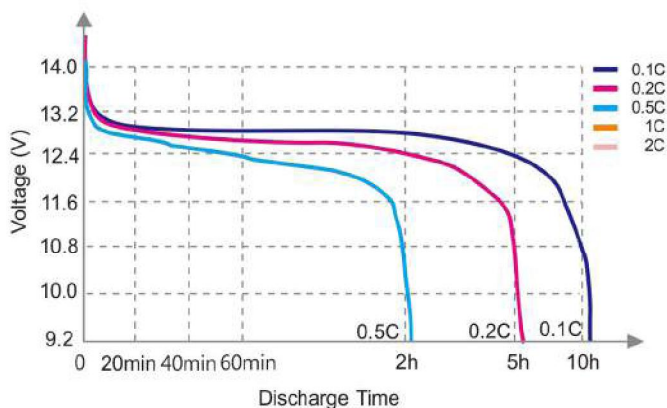
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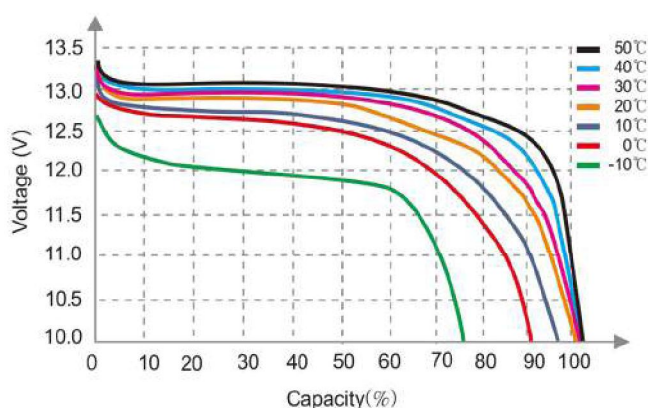
RNS B12010 HE



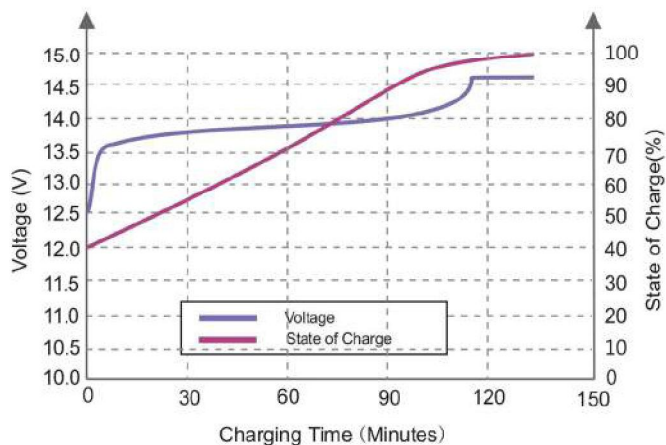
Different Rate Discharge Curve(25°C)



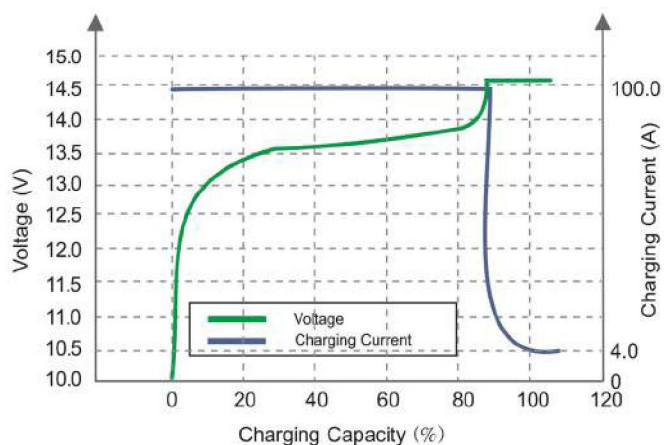
Different Temperature Discharge Curve(0.5C)



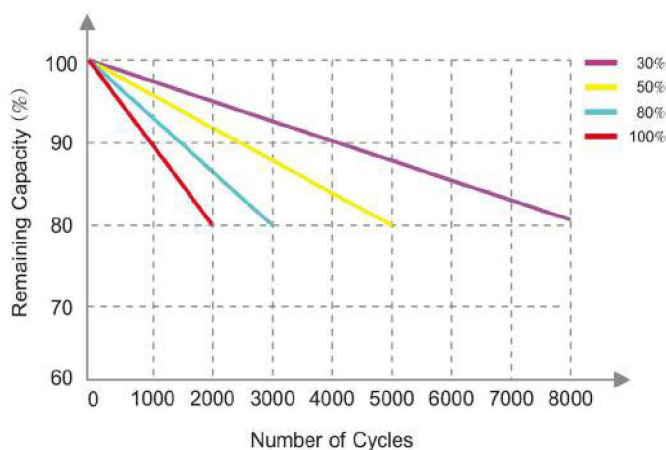
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(0.5C)



Different Temperature Self Discharge Curve

