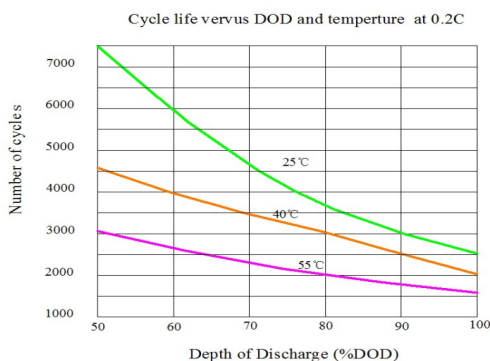


# RPower LFP122000 (12.8V 200Ah LiFePO4 Battery)

## Cycle life vs. DOD and temperature



## Specifications

Nominal Voltage		12.8V
Capacity (25°C, 0.2C)		200Ah
Dimensions (±2mm)	Length	520mm (20.5inch)
	Width	269mm (10.6inch)
	Height	203mm (7.99inch)
	Total Height	208mm (8.19inch)
Approx. Weight		31.90kg (70.33lbs)
Terminal		M8
Max. continue charge current		70A
Max. continue discharge current		70A
Max. pulse discharge current		100A (10sec.)
Float charge voltage		13.8V
Voltage window		9.60 to 14.60V
Specific Energy		2.560Wh
Internal resistance		< 7mΩ
Cycle life (+25°C, 0.2C, 100% DOD)		> 2.500 Cycles
Operating temperature	Discharge	-20°C to 60°C
	Charge	0°C to 60°C
Storage temperature		0°C to 30°C
Storage duration		12 months at 25°C
Safety standard		UL1642 at cell level
IP Degree		IP50

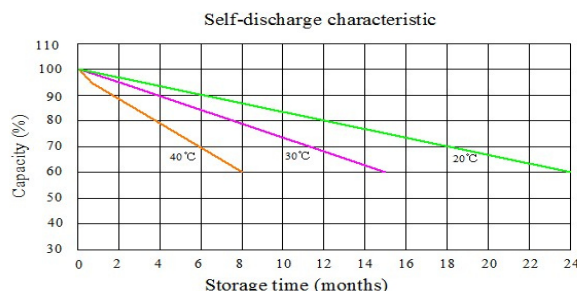
Can be charged using most standard lead-acid chargers (set for AGM/GEL cells)

Built-in automatic protection for over-charge, over-discharge and over-temperature conditions

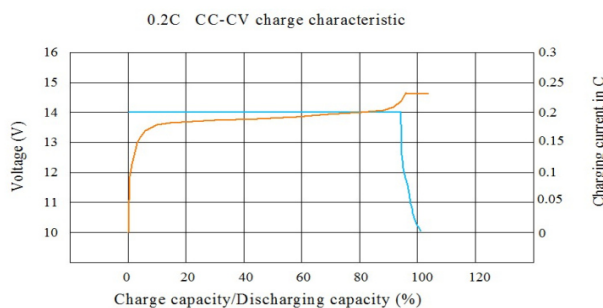
Internal cell balancing

Flame retardant plastics

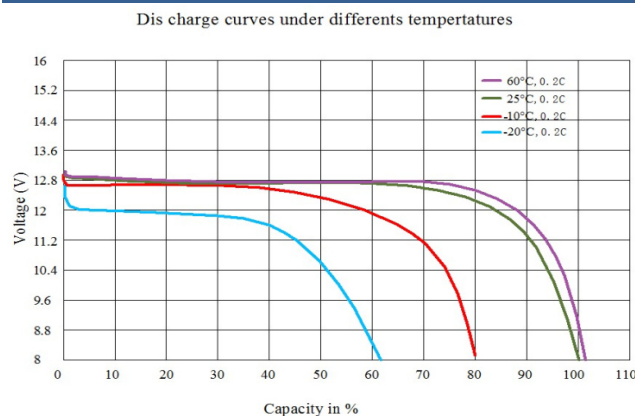
## Self-discharge characteristic



## Constant voltage charge characteristic



## Discharge curves under different temperatures



Communication of monitored data via Battery Management System (BMS)

Thousands of cycles, 100% DOD under normal conditions

Maintenance free

Used alone