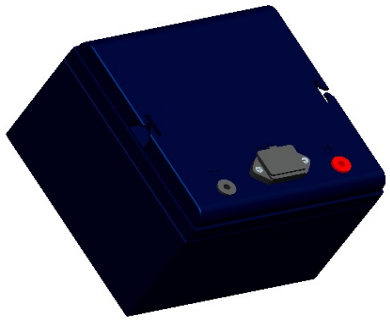
RPower LFP12180MOVER
(12V 18Ah LiFePO4 Mover Battery)

RP-Technik Notstromsysteme

- *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*
- *Charging and discharging with different terminal*
- *Suitable Battery Charger included*
- *Communication of monitored data via Battery Management System (BMS)*
- *Thousands of cycles, 100% DOD under normal conditions*
- *Maintenance free*
- *Flame retardant plastics*

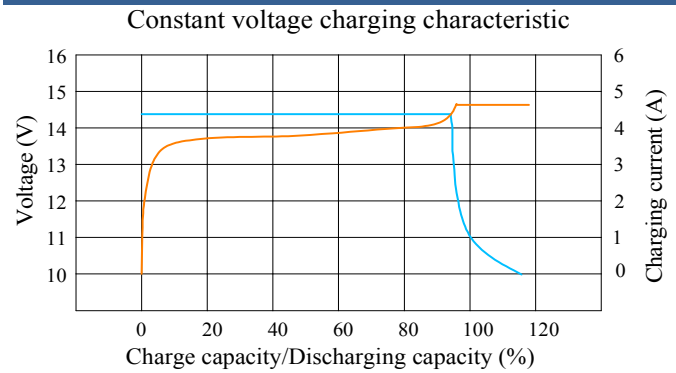
Dimensions



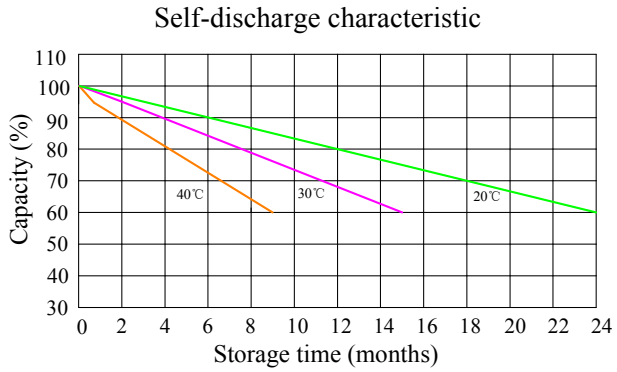
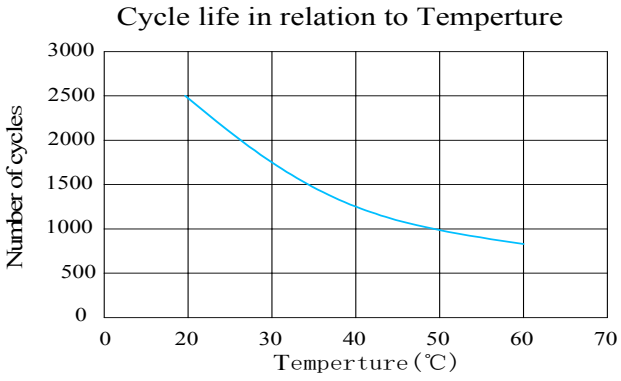
Specifications

Nominal Voltage		12.8V
Capacity (25°C, 0,2C)		18Ah
Dimensions	Length	165mm (6.50inch)
	Width	175mm (6.89inch)
	Height	125mm (4.92inch)
	Total Height	125mm (4.92inch)
Approx. Weight		3.50kg (7.72lbs)
Standard Discharge 25°C (with M5 terminal)	Max.cont.Current	100A
	Max. 3sec. pulse	600A
	Cut-off Voltage	N
(with Anderson terminal)	Max.cont.Current	10A
	Cut-off Voltage	9.6V
Standard Charge (with the Anderson terminal)	Charge Voltage	14.6V
	Float	13.8V
	Style	CC/CV
	Recommended Charge Current	Less than 10A
Using Temperature	Discharge	-30 to 60°C
	Charge	0 to 60°C
Storage temperature		-30 to 60°C
Specific Energy		66 Wh/kg
DC internal resistance		14.8mΩ
Cell type		Cylindrical

Constant voltage charging characteristic



Self-discharge characteristic



Cycle life in relation to temperature