



LiFePO4 12,8V 100Ah Battery | Art. 112.502

This 12.8V 100Ah LiFePO4 battery is a maintenance free battery which is suitable for different type of applications like cyclic and storage and also has an extremely long lifespan (>3000 90% DoD). With the built-in APP functionality, suitable for both Android and IOS, the battery status can be viewed from your phone or tablet.

The electronics have been adapted in such a way that the battery can be connected in series or in parallel without any problems.



IMAGE
COMING SOON

Normal specification	
Nominal Voltage	12,8V (4S)
Normal Capacity	100Ah
Internal Resistance	≤30mΩ

Standard Charge	
Battery operation temperature range @charging	0~45°C
Normal charge voltage	14.6±0.1V
Recommended float charge voltage (for Standby use)	13.8±0.1V
Allowed MAX charge current	100A@Battery initial Temp 25±5°C
Recommended charge current	≤50A

Standard discharge	
Battery operation temperature range @discharging	-20~60°C
Output Voltage Range	8.0~14.6V
Allowed discharge current	50A Standard discharge current 100A Maximum discharge current
Pulse discharge current	350A withstand 3s
Discharge Cut-off voltage	8.0V

Mechanical Characteristics	
Dimension	Length 307±2mm
	Width 168±2mm
	Height 211±2mm
Weight	Approx. 12.5Kg

Storage	
Storage Temperature & Humidity Range	Short: within one month -20~35°C, 45~75%RH
	Long term: above one month -10~30°C, 45~75%RH
Self-discharge rate	Residual capacity ≤3% per month; ≤15% per year
	Reversible capacity ≤1.5%per month; ≤8% per year



Cyclic



Solar / Storage



Stationary



Marine

