

## LiFePO4 12,8V 20Ah Battery

Art. 112.499



This 12.8V 20Ah 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	20Ah
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)	13.9±0.1V
Allowed MAX charge current	30A@Battery initial Temp 25±5°C
Recommended charge current	≤10A

Standard discharge	
Battery operation temperature range @discharging	-20~60°C
Output Voltage Range	8.0~14.6V
Allowed discharge current	20A Continue recommend 30A withstand 30min @ Temp 25±5°C
Pulse discharge current	80A withstand 3s
Discharge Cut-off voltage	8.0V

Mechanical Characteristics	
Dimension	Length 180±2mm
	Width 76±2mm
	Height 166±2mm
Weight	Approx. 3.0Kg

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

