

# Lithium Iron Phosphate (LiFePO4) Battery

25.6V 100AH/200AH



## ★ MAIN FEATURES

- **Longer Cycle Life**  
LiFePO4 batteries would be is five times than SLA batteries on cycle life
- **High Power&Light weight**  
LiFePO4 batteries performance twice power of SLA batteries.while half weight helpful for transport and installation
- **Intelligent management control**  
Intelligent BMS system covered by LFP batteries to ensure thatbatter-ies work on safety and perfect condition
- **Lower Self-discharge rate**  
Lower Self-discharge rate to guarantee LFP batteries be stored more longer than SLA batteries



Over Charge Protection



Over Discharge Protection



Over Current Protection



Balance Function



Short Circuit Protection



Over Voltage Protection

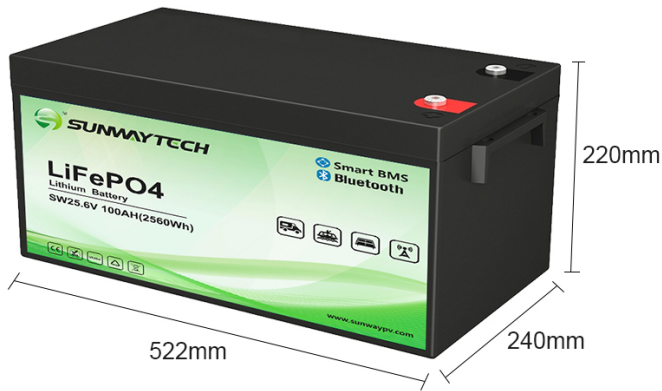


Temperature Protection



Environmental Friendly

## ★ PRODUCT DIMENSIONS



100AH



200AH

## ★ SPECIFCATION

Models	SW25100	SW25200
Nominal Voltage	25.6V	
Nominal Capacity	100Ah	200Ah
Energy	2560Wh	5120Wh
Internal Resistance(AC)	≤20mΩ	
Cycle Life	>2000cycles@1C80%DOD	
Months Self Discharge	<3%	
Efficiency of Charge	100%@0.5C	
Efficiency of Discharge	96-99%@1C	
Standard Charge		
Charge Voltage	29.2±0.2V	
Charge Mode	0.5C to 29.2V, then 29.2V,charge current to 0.02C (CC/CV)	
Charger Current	50A	100A
Max.Charge Current	100A	200A
Charge Cut-off Voltage	14.6±0.2V	
Standard Discharge		
Rated Discharge Current	50A	100A
Max Discharge Current	100A	200A
Discharge Cut-off Voltage	20V	
Environmental		
Charge Temperature	0 °C to 55 °C @60±25% Relative Humidity	
Discharge Temperature	-20 °C to 60 °C @60±25% Relative Humidity	
Storage Temperature	-20 °C to 45 °C @60±25% Relative Humidity	
IP Class	IP65	/
Mechanical		
Plastic Case	ABS	
Dimensions(mm)	522*240*220mm	522*269*219mm
Weight(kg)	21.55kg	38kg
Terminal	M8	

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