



# RACK LITHIUM BATTERY

LiFePO4

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**MONITOREO DE APLICACIONES**  
 Potente y confiable  
 5 - 10 años de vida útil  
 Amigable con el medio ambiente  
 Protección integrada  
 Bluetooth inteligente BMS  
 Soporte paralelo / conexión serie



### Aplicación

Marina / Yates  
 Off-Grid Solar  
 Alumbrado Público Solar  
 Energía para vehículos recreativos/caravanas  
 Pesca Nocturna  
 Fuente de Alimentación para Caravanas



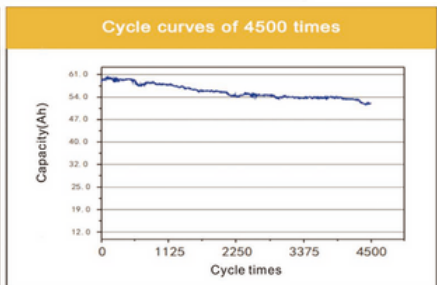
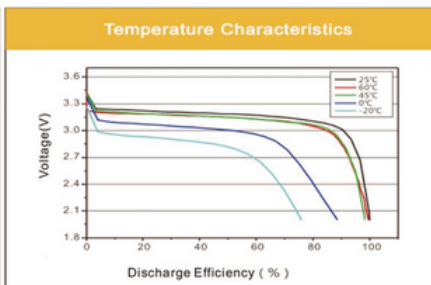
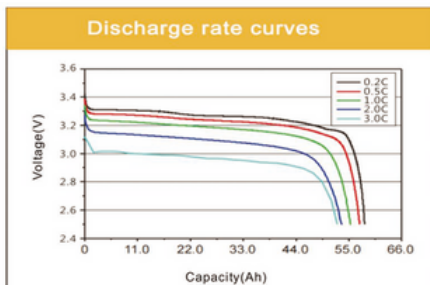
Long cycle life Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times at 80%DOD, and can be used for 10-15 years

Built-in intelligent BMS (battery management system), effectively avoiding overcharge, overdischarge, overcurrent, short-circuit, balance and other problems



High quality prismatic lithium iron phosphate battery, higher capacity, higher current, longer life

Communicated with multiple brands inverter same time  
 BatteryBMS supports simultaneous



# SPECIFICATION

MODEL	25.6V 100AH	25.6V 200AH	48V 100AH	48V 200AH	51.2V 100AH	51.2V 200AH
Nominal Voltage (V)	25.6V	25.6V	48V	48V	51.2V	51.2V
Nominal Capacity (WH)	2048WH/80%DOD	4096WH/80%DOD	3084WH/80%DOD	7680WH/80%DOD	4096WH/80%DOD	8192WH/80%DOD
Design Life	10+Years					
PHYSICAL						
Dimension (mm)	442*400*133	482*400*178	482*400*178	442*520*320	442*430*178	442*520*320
Weight (kg)	26KG	47.5KG	45KG	80KG	47.5KG	82KG
ELECTRICAL						
Cycle Life	> 6000, DOD 80%					
Discharge Voltage (V)	40 ~ 58.4					
Charge Voltage (V)	56 ~ 58.4					
Charge/Discharge	50A (Recommended)					
Current (A)	100A (Max)					
Internal Resistance	≤ 30m Ω					
BMS						
Capacity	100A (Max)					
Power Consumption	< 2W (Work) < 100mW (Sleep)					
Monitoring Parameters	System Voltage, Current, Cell Voltage, Cell Temperature, Module Temperature					
SOC	Intelligent Algorithm					
Current (A)	CAN/RS-485/RS-232					
OPERATION						
Operation Temperature Range	10 °C ~ 50 °C					
Transport or Storage Temp. Range	-20 °C ~ 45° C					
Humidity	15% ~ 85% (No Condensing)					
WARRANTY						
Product Warranty	5 Years					
Performanc Warranty	10 Years					

