



RACK LITHIUM BATTERY

LiFePO4

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MONITOREO DE APLICACIONES

Potente y confiable
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

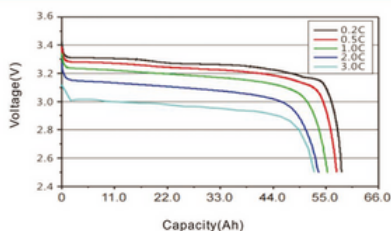
Built-in intelligent BMS (battery management system), effectively avoiding overcharge, overdischarge, overcurrent, short-circuit, balance and other problems



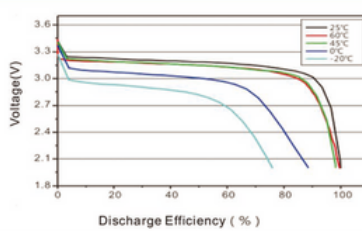
High quality prismatic lithium iron phosphate battery, higher capacity, higher current, longer life

Communicated with multiple brands inverter same time
BatteryBMS supports simultaneous

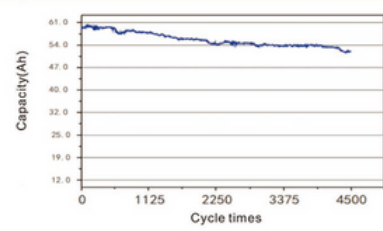
Discharge rate curves



Temperature Characteristics



Cycle curves of 4500 times



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	8 Years					
Performanc Warranty	10 Years					

