

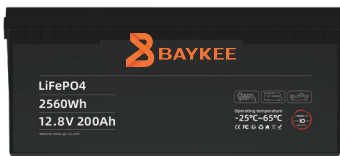


LiFePO4 BATTERY

RV AND YACHT ENERGY STORAGE BATTERY SYSTEM

12.8V100Ah / 12.8V200Ah

LIFE SPAN 10 YEARS
6000CYCLES

Model	12.8V100Ah	12.8V200Ah
Pictures		
ELECTRICAL CHARACTERISTICS		
Nominal Voltage	12.8V	12.8V
Nominal Capacity	100Ah	200Ah
Energy	1280Wh	2560Wh
Internal Resistance	≤10mΩ	≤10mΩ
Cycle Life	6000 cycles	6000 cycles
Months Self Discharge	<3%	<3%
Efficiency of Discharge	≥100% @0.5C	≥100% @0.5C
STANDARD CHARGE		
Charge Voltage	14.6V	
Charge Mode	0.25C to 14.6V,then 14.6V,chargecurrent to 0.05C(CC/CV)	
Charge Current	50A	
Max. Charge Current	100A	200A
STANDARD DISCHARGE		
Continuous Current	100A	200A
Discharge Cut-off Voltage	10V	10V
ENVIRONMENTAL		
Charge Temperature	0 °C to 55 °C (32°F to 131°F) @60±25% Relative Humidity	
Discharge Temperature	-20 °C to 60 °C (-4°F to 140°F) @60±25% Relative Humidity	
Storage Temperature	> 1month 0 ~ 35°C (32 ~ 95°F) , ≤1month -20 ~ 45°C (-4°F to 113°F)	
IP level	IP65	
MECHANICAL		
Plastic Case	ABS	ABS
Dimensions (mm)	329±3mm x 173±3mm x 215±3mm	770±3mm x 285±3mm x 82±3mm
Weight(kg)	≈10Kg	≈30Kg
APP/Bluetooth/Heating	Optional	Optional