

Product Information

Nominal voltage	48V	Charge method	CC/CV
Nominal capacity	60Ah	Discharge Cut-off Voltage	36.4V
Standard charge current	5A	Cycle lifespan range	500-1000 times
Standard discharge current	60A	Dimensions	customized
Maximum charge current	10A	Weight	6000g
Maximum discharge current	80A	Storage Temperature:	
Charge cut off voltage	54.6V	1 month	-20-60°C
Charging Temperature	0-45°C	3 months	-20-45°C
Discharging Temperature	-20-60°C	12 months	-20-25°C
Storage temperature	-20 to 45°C	Relative Humidity:	65±20%
Voltage of shipment	28.8-32.0V	Protection function	PCB Safety Function: * Cell balancing; * Over-charge protection; * Over-discharge; * Over-current protection; * Short-circuit protection

PRODUCT SELLING POINT



- ⚡ Long lifespan >2500 cycles
- ⚡ Small size with light weight
- ⚡ Most safe lifepo4 battery with car level standard
- ⚡ In-built smart BMS with multiprotection
- ⚡ Modular and quick plug design makes it easy to use.



SHENZHEN IMPROVE BATTERY CO.,LTD

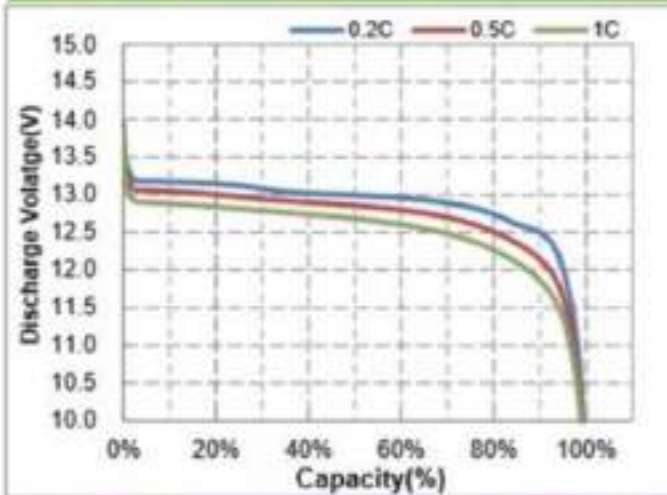
Focus on Lithium Battery Pack

**Keep the World Green,
Reduce CO2 emissions**

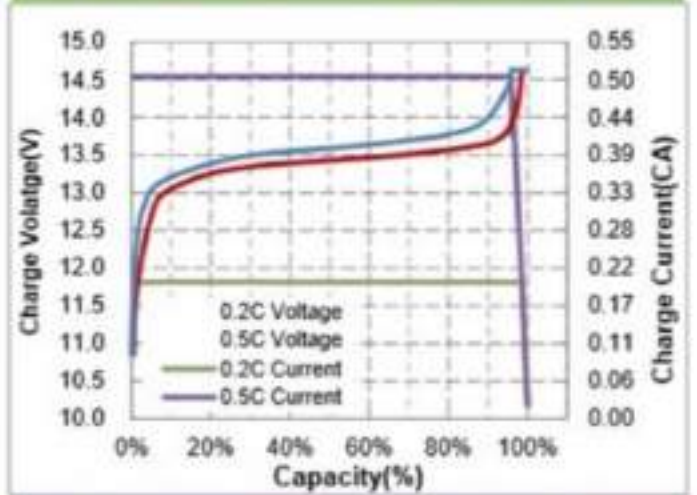


DISCHARGE PARAMETERS

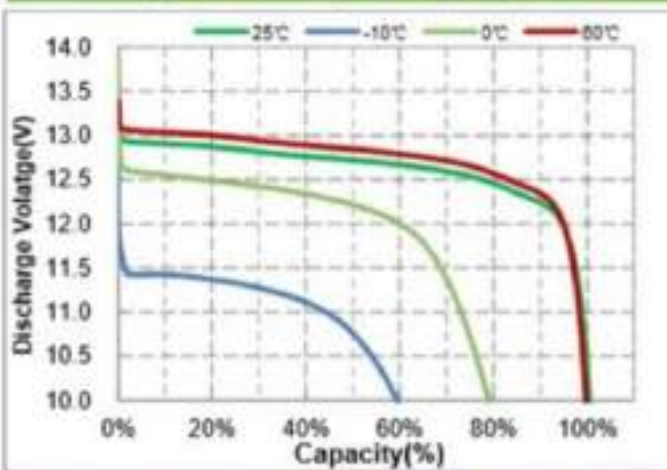
Different Rate Discharge Curve @25°C



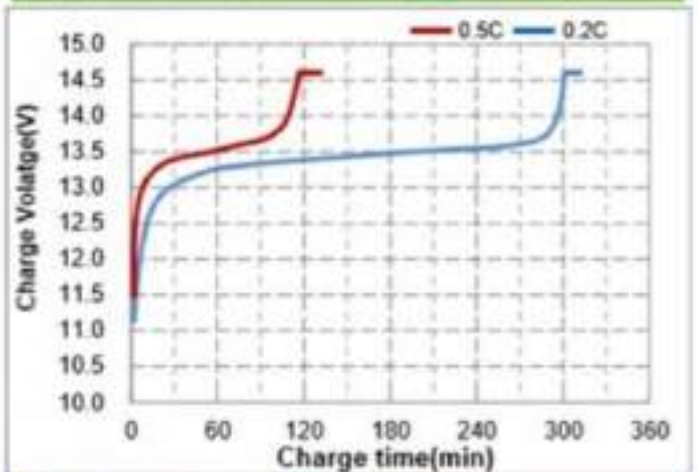
Charge Characteristics of capacity-voltage@0.2C&0.5C, 25°C



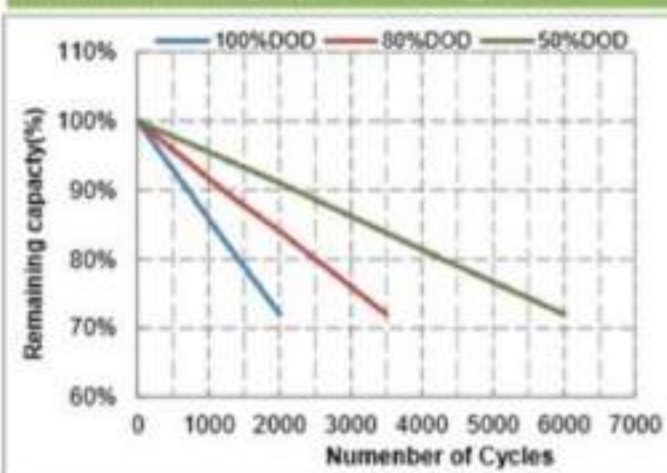
Different Temperature Discharge Curve @0.5C, 25°C



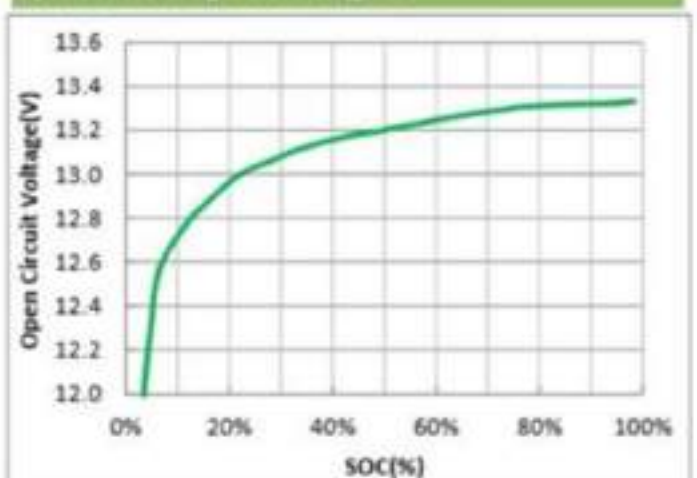
Charge Characteristics of time-voltage@0.2C&0.5C, 25°C



Different DOD Discharge Cycle Life Curve @0.2C, 25°C



Open circuit voltage VS SOC% @25°C



FUNCTION OF PROTECTIVE BOARD

EIGHT PROTECTION REAL SECURITY



Balancing
function



Overvoltage
protection



Overcharge
protection



Overdischarge
protection



Overcurrent
protection



Short circuit
protection



Temperature
protection



Charging
resistance

CERTIFICATE

We warmly welcome to visit our factory and establish business relationship with us.

