

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in RVs, electric vehicles, electric boats, home energy storage, base station backup power, UPS and solar/wind energy storage systems.

Features:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature operating
- Low self-discharge
- BMS protection
- Maintenance-free

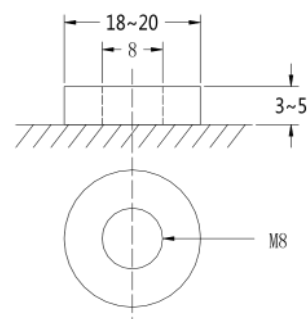
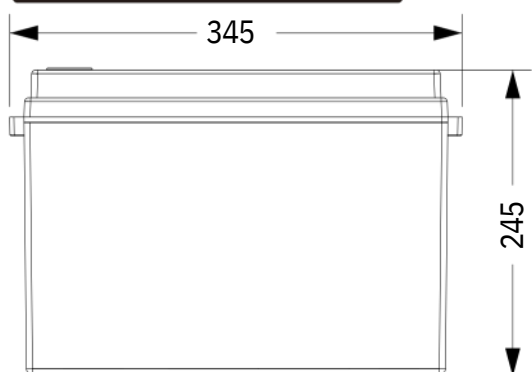
Product renderings:



Battery specifications:

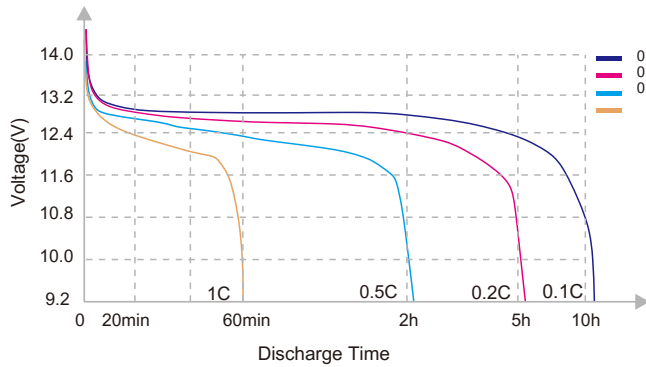
Operating Voltage range(V)	10.0~14.6 12.8
Nominal Voltage(V)	300/C5
Nominal Capacity(Ah)	3840
Energy(Wh)	14.6±0.2
Charge Cut-off Voltage(V)	60 150 200
Standard Charging Current 0.2C(A)	10
Rated Charging Current 0.5C(A)	60 150
Max. Charge Current 1C(A)	200
Rec.low Voltage Disconnect(V)	750 ≤40
Standard Discharge Current 0.2C(A)	0~55
Rated Discharge Current 0.5C(A)	-20~60
Max. Discharge Current 1C(A)	-20~45
Maximum pulse current <3s(A)	≥4000 <3%
Internal Resistance(mΩ)	Ip67
Charge Temperature(°C)	About .30.0
Discharge Temperature(°C)	345*190*245
Storage Temperature(°C)	200A 4S/4P
Cycle Life(cycles @1C 100%DOD) at 25°C	
Monthly Self-discharge Rate by 20-25°C	
IP Class Weight (kg)	
Dimensions(mm)	
BMS	

Dimension (mm):

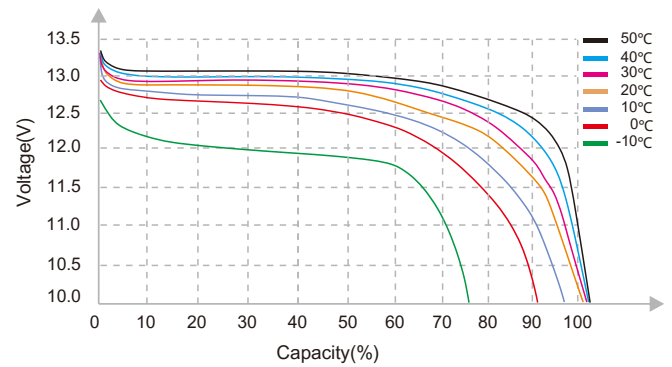


Battery curve:

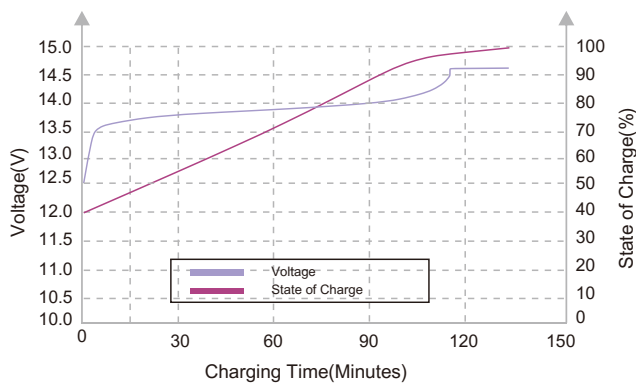
Different Rate Discharge Curve(25°C)



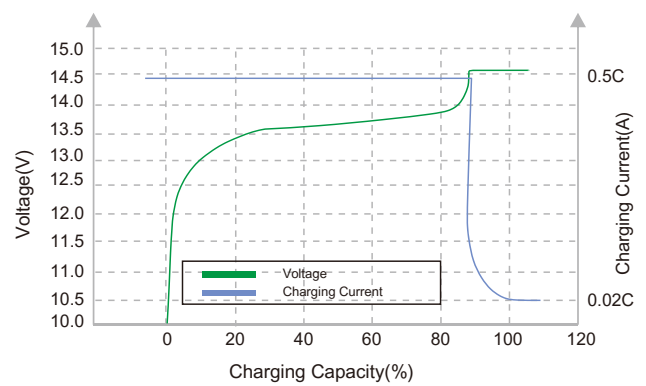
Different Temperature Discharge Curve(0.5C)



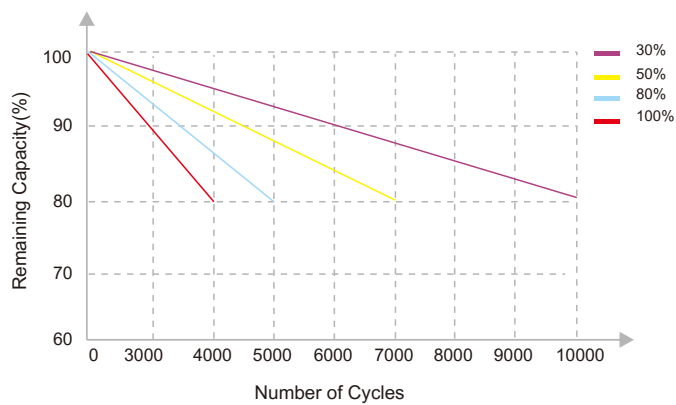
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(1C)



Different Temperature Self Discharge Curve

