

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

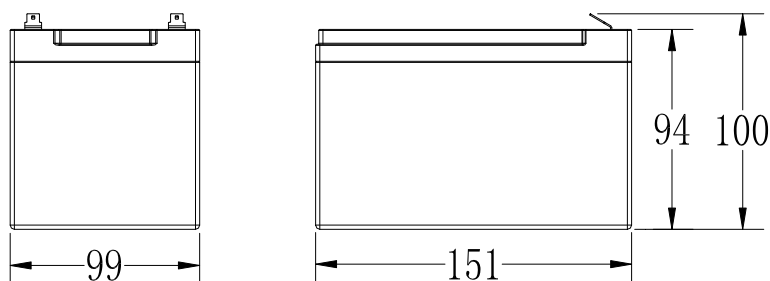
Product renderings:



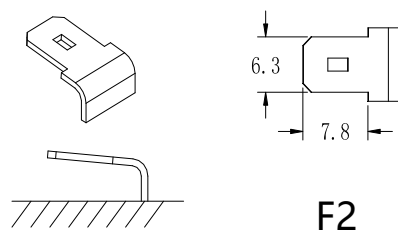
Battery specifications:

Operating Voltage range(V)	10.0~14.6
Nominal Voltage(V)	12.8
Nominal Capacity(Ah)	12/C5
Energy(Wh)	153.6
Charge Cut-off Voltage(V)	14.6±0.2
Standard Charging Current 0.2C(A)	2.4
Rated Charging Current 0.5C(A)	6
Max. Charge Current 1C(A)	12
Rec.low Voltage Disconnect(V)	10
Standard Discharge Current 0.2C(A)	2.4
Rated Discharge Current 0.5C(A)	6
Max. Discharge Current 1C(A)	12
Maximum pulse current <3s(A)	36
Internal Resistance(mΩ)	≤40
Charge Temperature(°C)	0~55
Discharge Temperature(°C)	-20~60
Storage Temperature(°C)	-20~45
Cycle Life(cycles @1C 100%DOD) at 25°C	≥4000
Monthly Self-discharge Rate by 20-25 °C	< 3%
IP Class	Ip67
Weight (kg)	About.1.2
Dimensions(mm)	151*99*94
BMS	12A 4S/4P
Bluetooth And Self-heating	/

Dimension (mm):

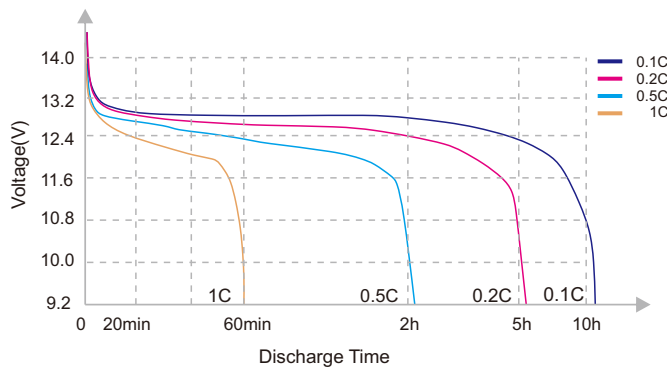


Terminal (mm):

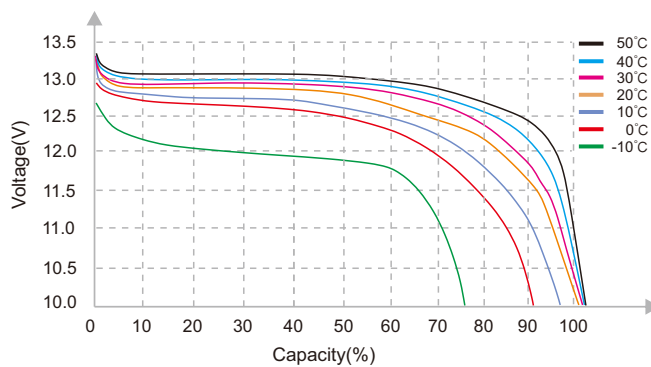


Battery curve:

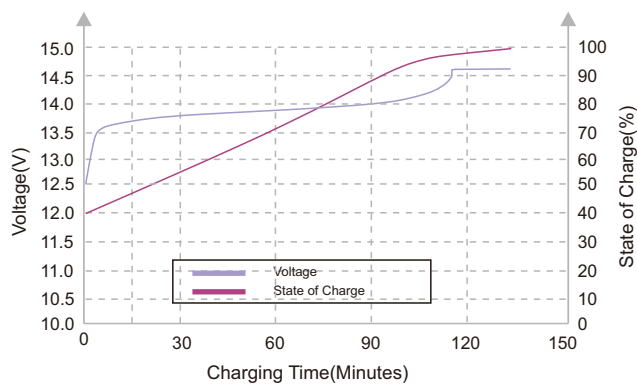
Different Rate Discharge Curve(25°C)



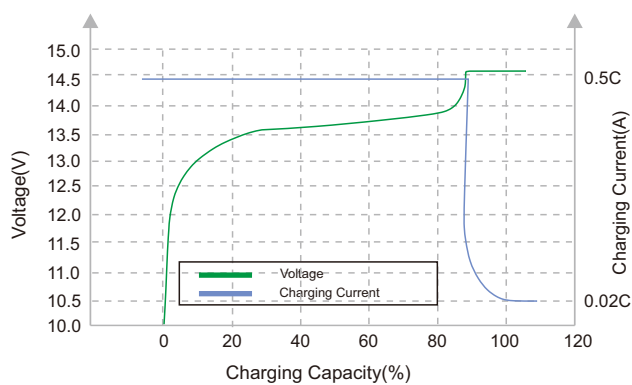
Different Temperature Discharge Curve(0.5C)



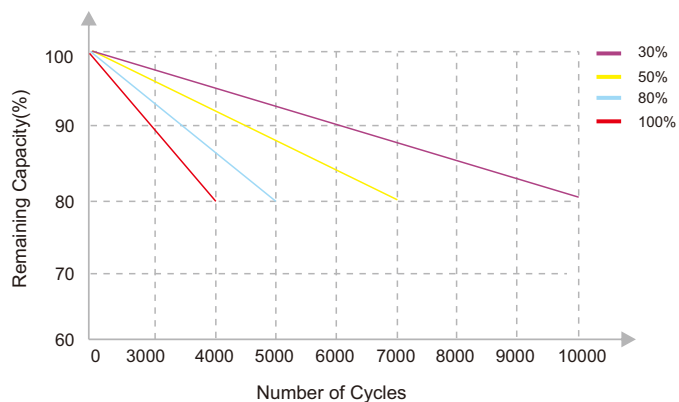
State of Charge Curve(0.5C, 25°C)



Charging Characteristics(0.5C, 25°C)



Different DOD Discharge Cycle Life Curve(1C)



Different Temperature Self Discharge Curve

