

GENERAL FEATURES

Internal formation technology, alloy free of cadmium and arsenic, environmentally friendly. Reliable sealing structure, no leakage, no need for fluid maintenance. High specific energy and high specific efficiency, excellent large current discharge performance. Good charge acceptance performance, wide temperature range. Low self-discharge rate and long cycle life of deep charge and discharge.



Product Applications



E-scooter



E-Bike

Product Features



Longer life



Run farther



More power



More environmentally



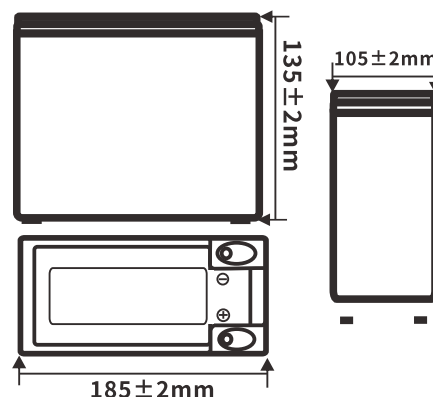
Much Safer

Parameters

Voltage(V)	12
3hr capacity (AH)	24
Dimension(±2mm)	L(mm) 185 W(mm) 105 H(mm) 135 T/H(mm) 135
Weight(Kg)	7.0±0.1kg
Material of Shell	ABS
Max resistance(mΩ)	≤11
Terminal	Copper
Operating Temperature Range	Discharge: -35°C (-31°F)~50°C (122°F) Charge: -15°C (5°F)~40°C (104°F) Storage: -15°C (5°F)~40°C (104°F)

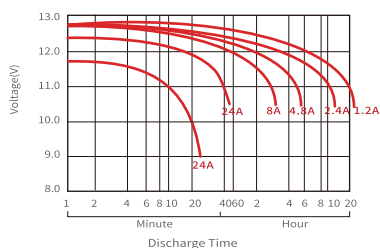
Capacity≥(Ah,25°C)	3hr(9.33A to 10.5V) 24 5hr(5.60A to 10.5V) 26 10hr(2.80A to 10.5V) 30 20hr(1.40A to 10.5V) 35
Self dischargeRate (20°C)	≥85%/3month
Charging voltage(V)	Floating 13.5V~13.8V cycling 14.4V~14.8V
discharge current(A)	3.0 I ₃
charge current(A)	0.15 C ₃
Terminal	φ9.8-M5
Residual capacity after self-discharge≥	30d 90% 60d 85% 90d 82% 180d 80%

OUTER DIMENSIONS

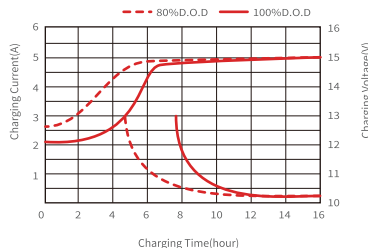


BATTERY FEATURE

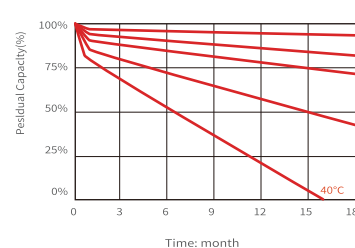
Discharge Characteristic Curves



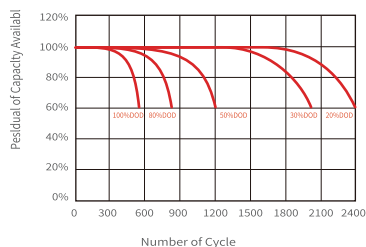
Constant Voltage Charging For Standby Use Batteries



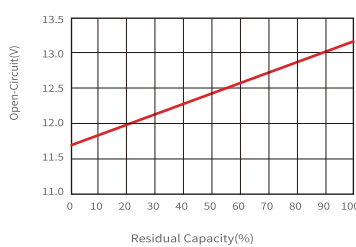
Self-Discharge Characteristics



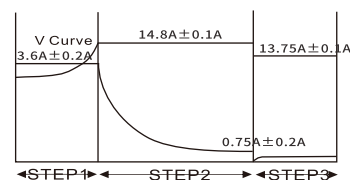
Cycle Service Life



Open-Circuit Voltage and Residual Capacity



A three-stage charging curve



The standard temperature for this charging process is 20°C. With the temperature going up or down, the voltage adjustment factor is +/-0.018V/°C