



MODEL: SP12-12(12AH/2HR)



Product Specification

Nominal Voltage: 12V

Rated Capacity:

20Hour Rate (0.75A to 10.5V)	15.0AH
10Hour Rate (1.40A to 10.5V)	14.0AH
5Hour Rate (2.55A to 10.5V)	12.75 AH
2Hour Rate (5.0A to 10.5V)	12.0AH

Dimension and Weight

Length	151mm ±1mm
Width	99mm ±1mm
Height	98mm ±1mm
Total Height	102mm ±1mm
Wright(WT)	4.40kg

Internal Resistance: Fully charged Battery ≤ 20mΩ

Self discharge Rate:20°C 3%/28days

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)

Charging Methods:

Floating Use	13.5V~13.8V(20°C),Compensation coefficient-3mv/cell/°C
Cycling Use	14.4V~15.0V(20°C),Compensation coefficient-5mv/cell/°C
Max Charge Current	0.3C(A)

Case ABS

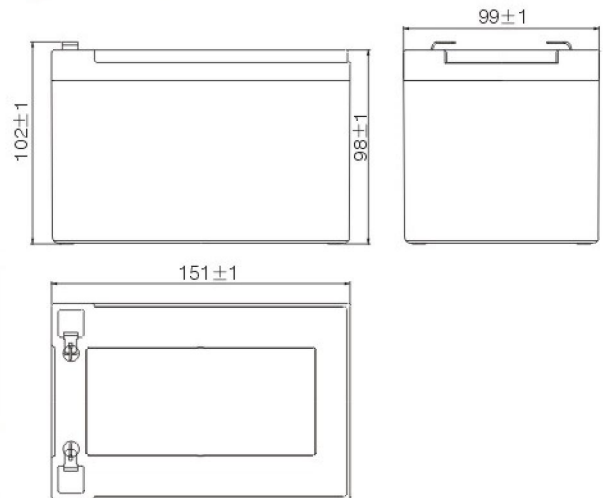
Applications

Electric Bicycle,Electric Vehicle ,Electric Slide Vehicle,Solar Power, Wind Power,Telecom Systems,UPS

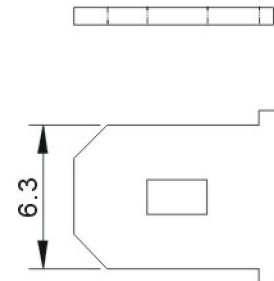
General Features

- High Corrosion Resistant Performance:Pb-Ca multi-alloy grid
- Patented Silicate Compound Electrolyte: Minor acid vapor, environment friendly.
- High Energy Density and Power Density.
- Excellent Charge Acceptance Ability.
- Strong High and Low Temperature Performance.
- Optimized Capability of Instant High-current Discharging

Outer Dimensions



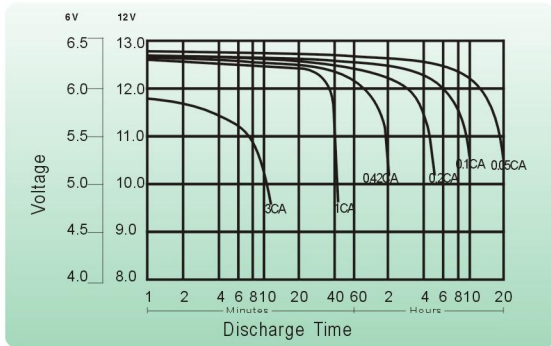
Terminal Type



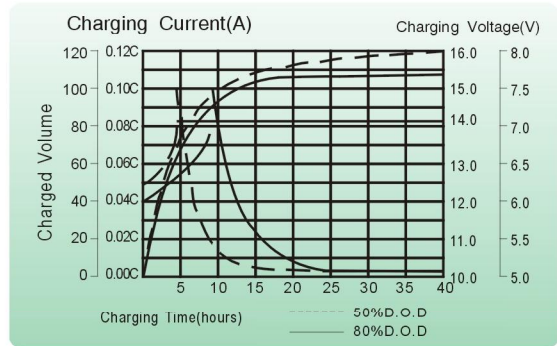


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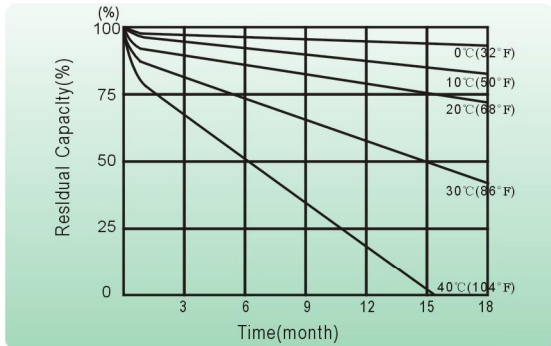
Discharge Characteristic Curves



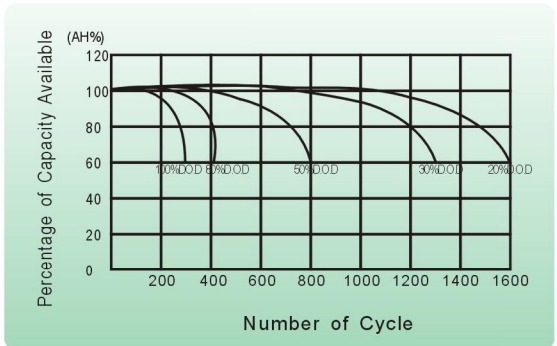
Constant Voltage Charging For Standby Use Batteries



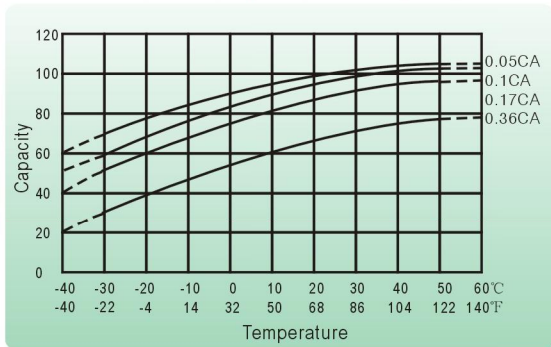
Self-Discharge Characteristics



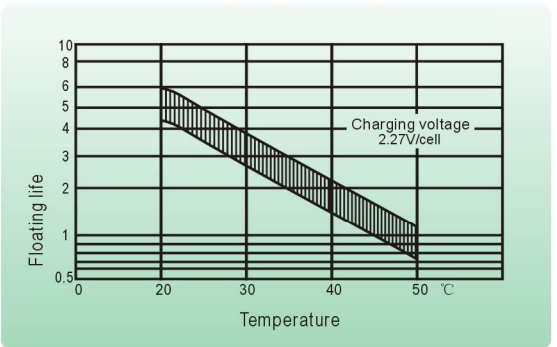
Cycle Service Life



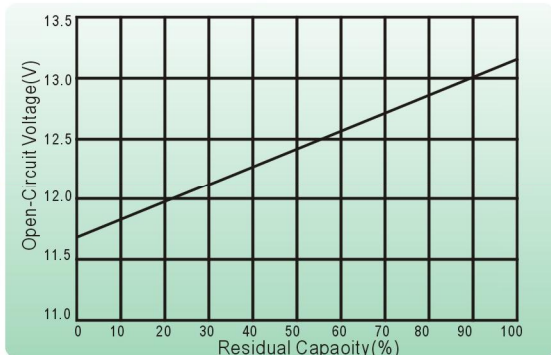
Effect of Temperature on Capacity



Float Service Life



Open-Circuit Voltage and Residual Capacity



Charge Curves

