



MODEL: SP27-12(27AH/2HR)



Product Specification

Nominal Voltage: 12V

Rated Capacity:

20Hour Rate (1.9A to 10.5V)	38AH
10Hour Rate (3.6A to 10.5V)	36AH
5Hour Rate (6.45A to 10.5V)	32.25AH
2Hour Rate (13.5A to 10.5V)	27AH

Dimension and Weight

Length	196mm±1mm
Width	131mm±1mm
Height	159mm±1mm
Total Height	166mm±1mm
Wright(WT)	11.5kg

Internal Resistance: Fully charged Battery ≤15mΩ

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

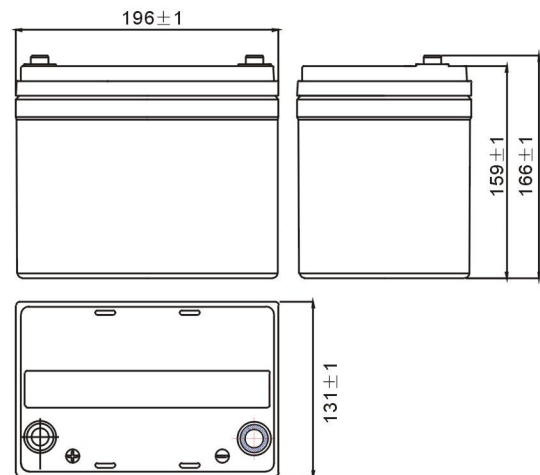
Case ABS

Applications Electric Vehicle, Solar power, Wind power, Telecom Systems, UPS

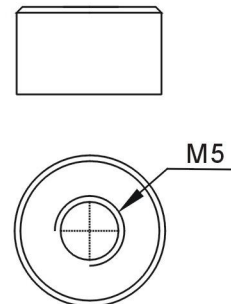
General Features

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

Outer Dimensions



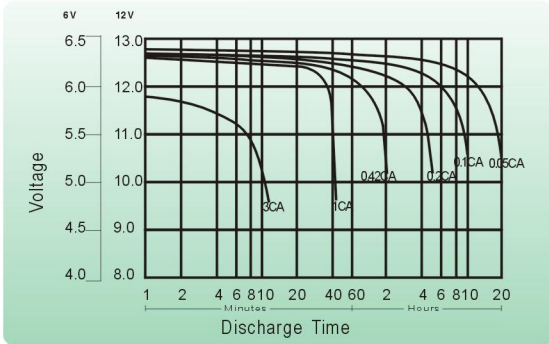
Terminal Type



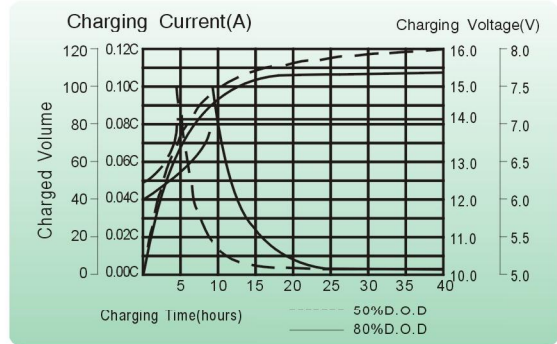


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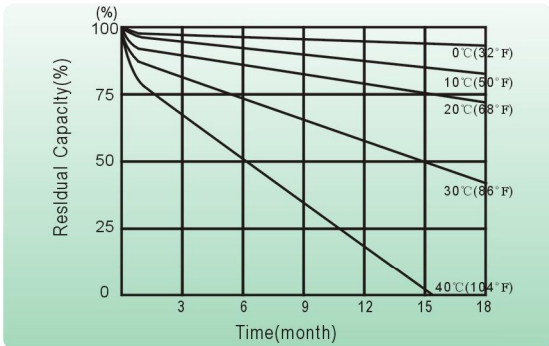
Discharge Characteristic Curves



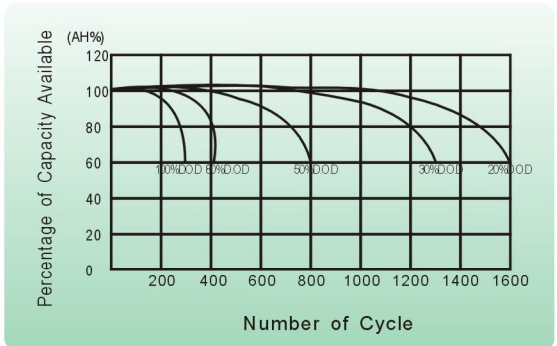
Constant Voltage Charging For Standby Use Batteries



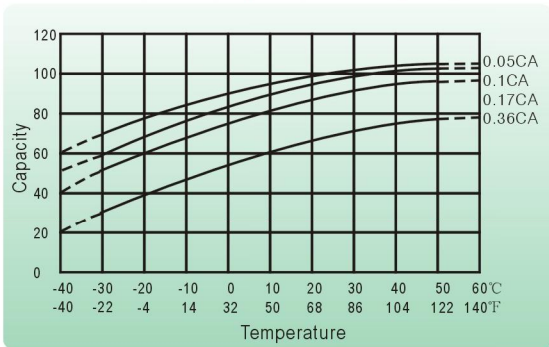
Self-Discharge Characteristics



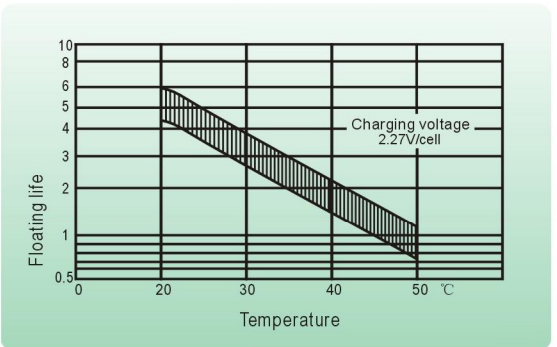
Cycle Service Life



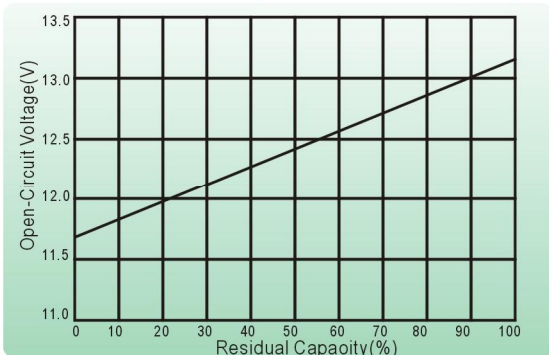
Effect of Temperature on Capacity



Float Service Life



Open-Circuit Voltage and Residual Capacity



Charge Curves

