



MODEL: SP60-12(60AH/5HR)



Product Specification

Nominal Voltage: 12V

Rated Capacity:

20Hour Rate (3.5A to 10.5V)	70AH
10Hour Rate (6.5A to 10.5V)	65AH
5Hour Rate (12.0A to 10.5V)	60 AH
2Hour Rate (21.6A to 10.5V)	43.2AH

Dimension and Weight

Length	259mm±2mm
Width	168mm±2mm
Height	210mm±2mm
Total Height	217mm±2mm
Wright(WT)	24.0kg

Internal Resistance: Fully charged Battery ≤ 8mΩ

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)

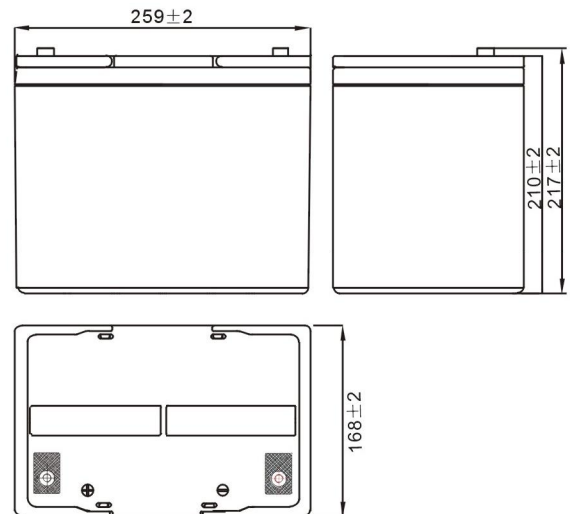
Case ABS

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

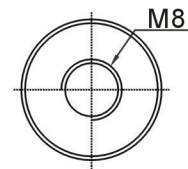
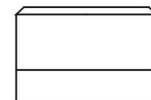
General Features

- High Corrosion Resistant 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 Temperare Performance.
- Optimized Capability of Instant High-current Discharging

Outer Dimensions



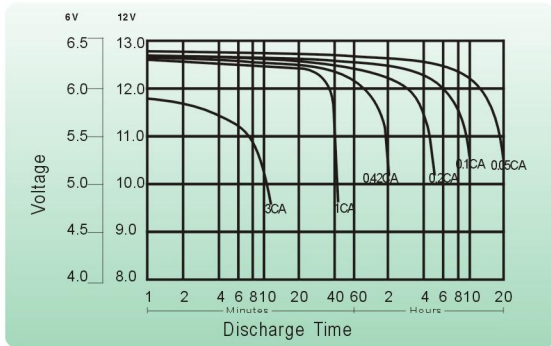
Terminal Type



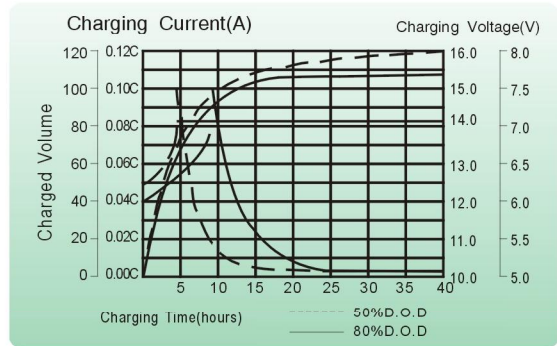


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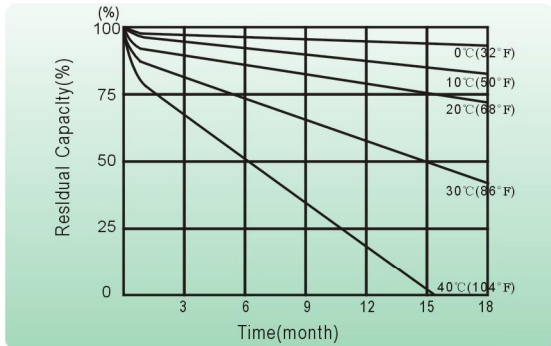
Discharge Characteristic Curves



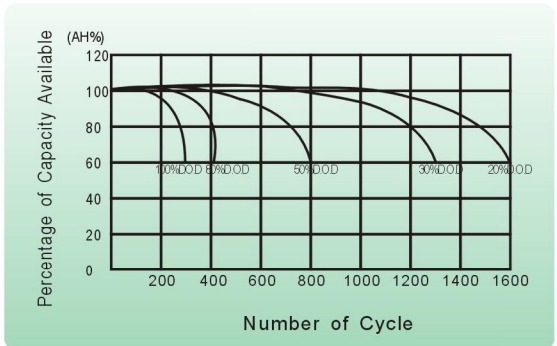
Constant Voltage Charging For Standby Use Batteries



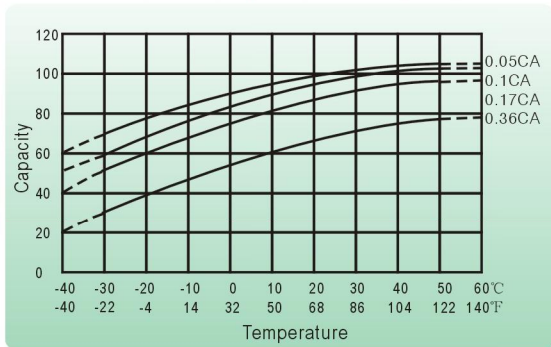
Self-Discharge Characteristics



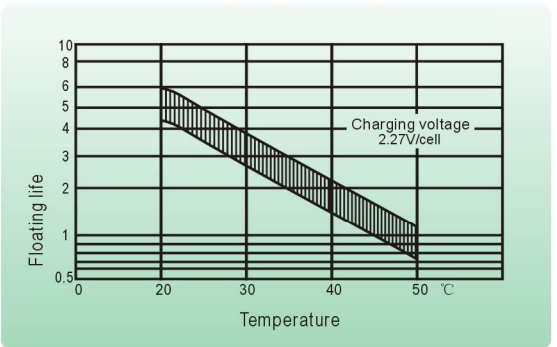
Cycle Service Life



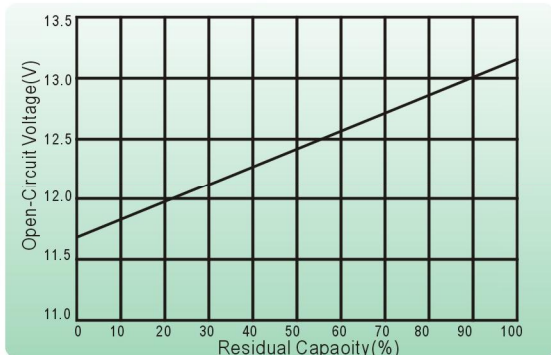
Effect of Temperature on Capacity



Float Service Life



Open-Circuit Voltage and Residual Capacity



Charge Curves

