



MODEL: SP15-12(15AH/20HR)



Product Specification

Nominal Voltage: 12 V

Rated Capacity:

| | |
|------------------------------|----------|
| 20Hour Rate (0.75A to 10.5V) | 15.0 AH |
| 10Hour Rate (1.40A to 10.5V) | 14.0 AH |
| 5Hour Rate (2.25A 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 ≤20 m Ω

Self discharge Rate: 20°C, 4% first month, after 1% per month

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 Resistart Performance:Pb-Ca multi-alloy grid Patented Silicate Compound Electrolyte:Minor acid vapor, environment friendly.

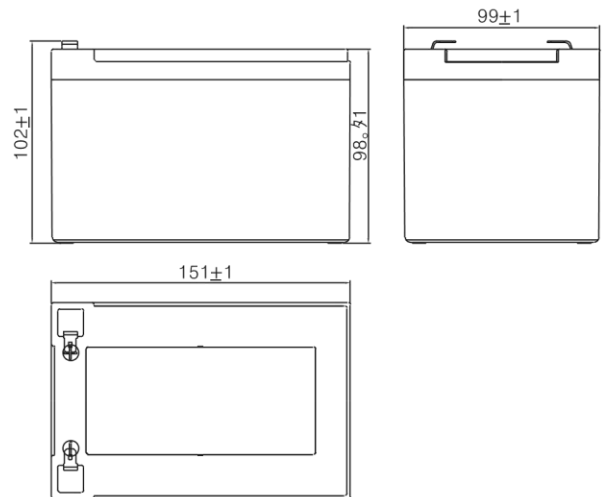
High Energy Density and Power Density.

Excellent Charge Acceptance Ability.

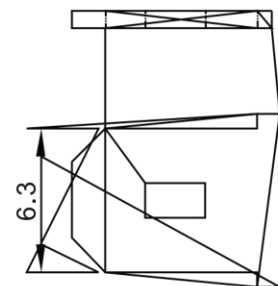
Strong High and Low Temperatare Performance.

Optimized Capability of Instant High-current Discharging

Outer Dimensions



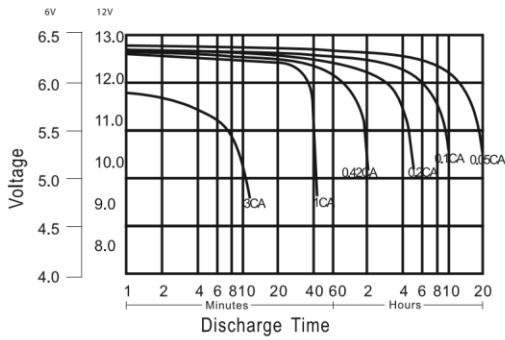
Terminal Type



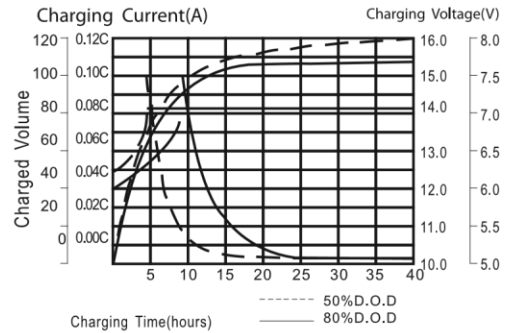


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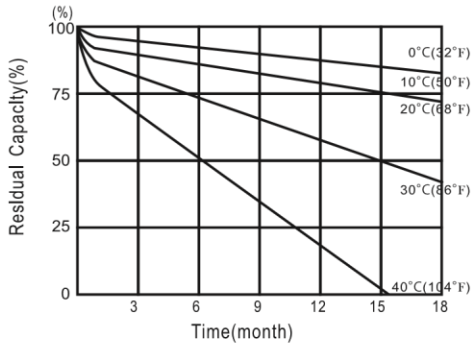
Discharge Characteristic Curves



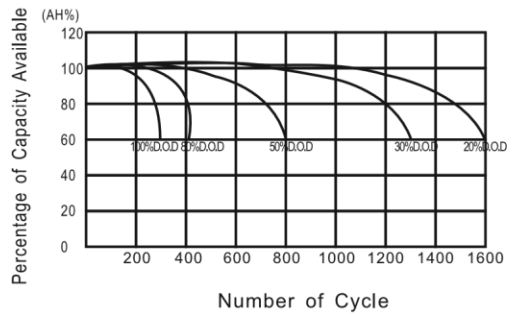
Constant Voltage Charging For Standby Use Batteries



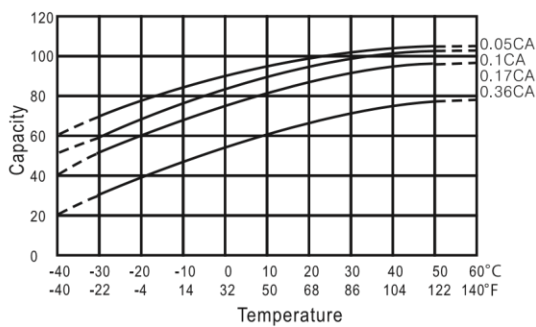
Self-Discharge Characteristics



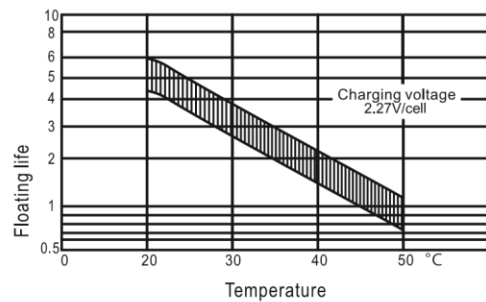
Cycle Service Life



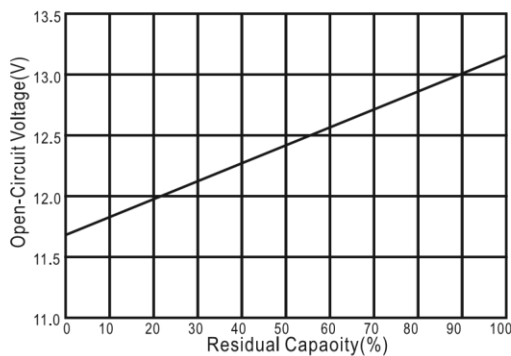
Effect of Temperature on Capacity



Float Service Life



Open-Circuit Voltage and Residual Capacity



Charge Curves

