



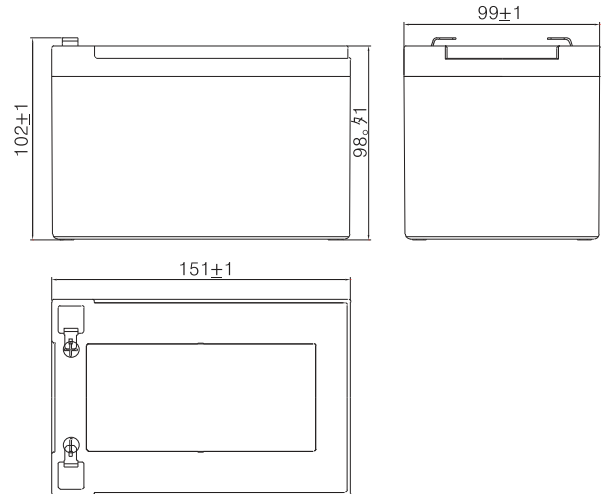
MODEL: SP15-12(15AH/20HR)



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



Product Specification

Nominal Voltage: 12 V
Rated Capacity:

Table with 2 columns: Rate (20Hour, 10Hour, 5Hour, 2Hour) and Capacity (15.0 AH, 14.0 AH, 12.75 AH, 12.0AH)

Dimension and Weight

Table with 2 columns: Dimension (Length, Width, Height, Total Height, Weight) and Value (151mm±1mm, 99mm±1mm, 98mm±1mm, 102mm±1mm, 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:

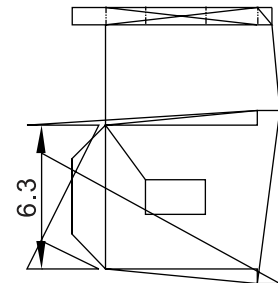
Table with 2 columns: Operation (Discharge, Charge, Storage) and Temperature Range (-35°C to 50°C, -15°C to 40°C, -15°C to 40°C)

Charging Methods:

Table with 2 columns: Method (Floating Use, Cycling Use, Max Charge Current) and Parameters (Voltage, Compensation coefficient, Current)

Case ABS

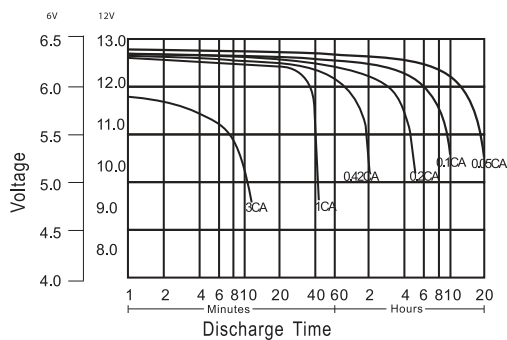
Terminal Type



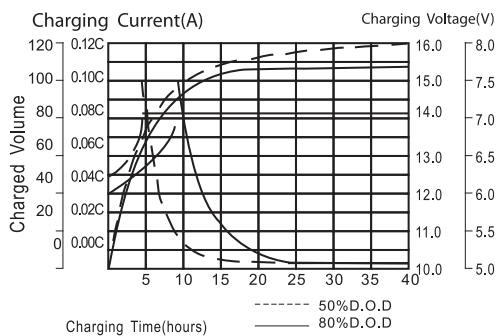
Applications Electric Bicycle, Electric Vehicle, Electric Slide Vehicle, Solar Power, Wind Power, Telecom Systems, UPS

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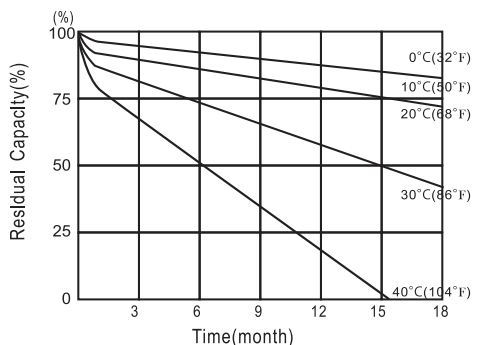
Discharge Characteristic Curves



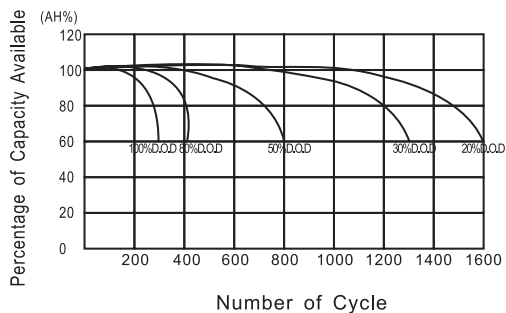
Constant Voltage Charging For Standby Use Batteries



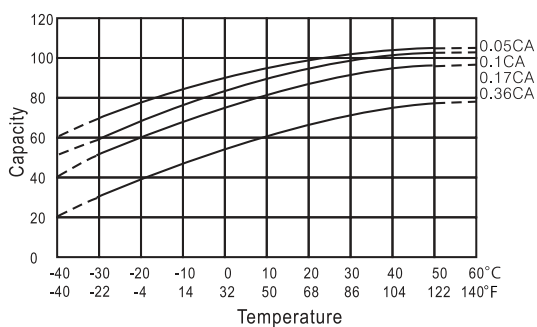
Self-Discharge Characteristics



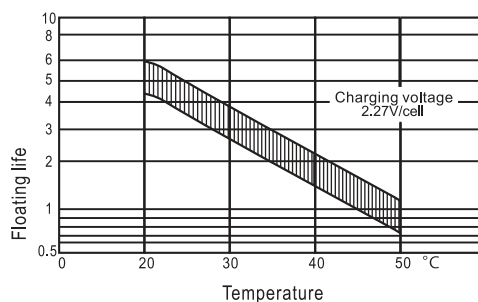
Cycle Service Life



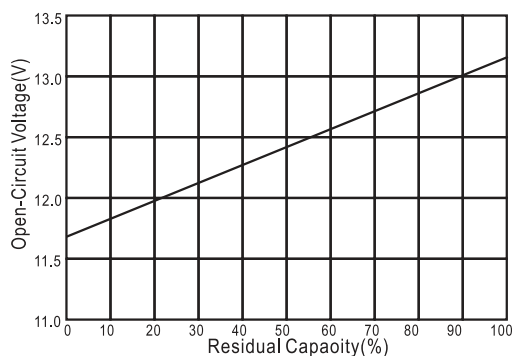
Effect of Temperature on Capacity



Float Service Life



Open-Circuit Voltage and Residual Capacity



Charge Curves

