



MODEL: SP24-12(24AH/20HR)



General Features

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

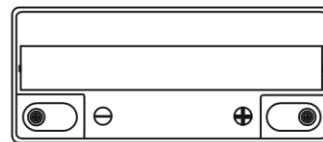
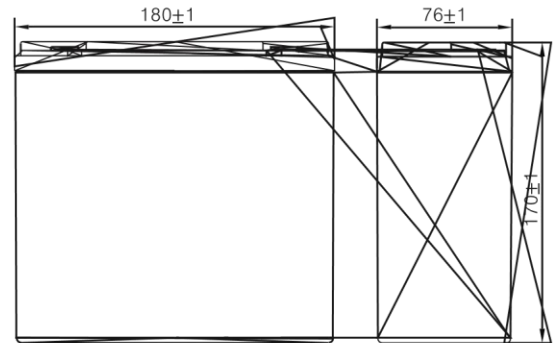
High Energy Density and Power Density.

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 (24.0 AH, 22.0 AH, 20.4 AH, 20.0 AH)

Dimension and Weight

Table with 2 columns: Dimension (Length, Width, Height, Total Height, Weight) and Value (180mm±1mm, 76mm±1mm, 170mm±1mm, 170mm±1mm, 7.0kg)

Internal Resistance: Fully charged Battery ≤15m 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)

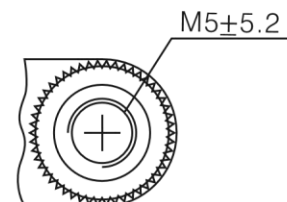
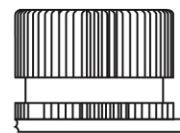
Charging Methods:

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

Case ABS

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

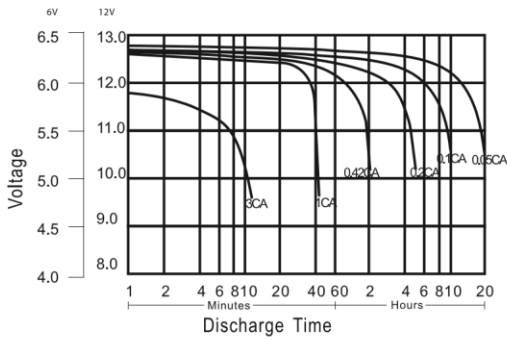
Terminal Type



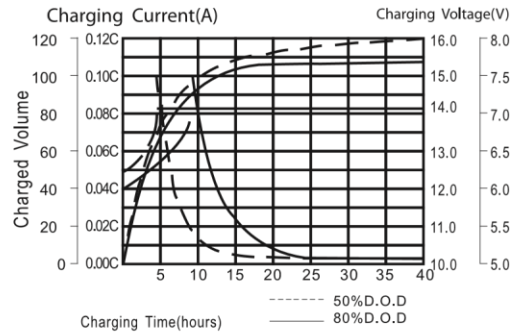


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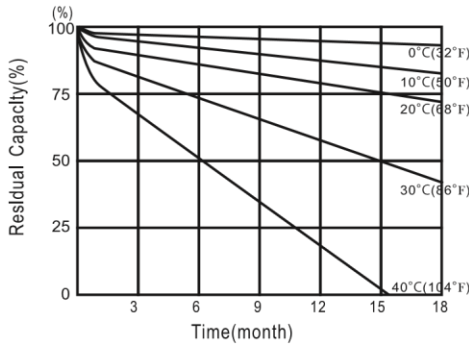
Discharge Characteristic Curves



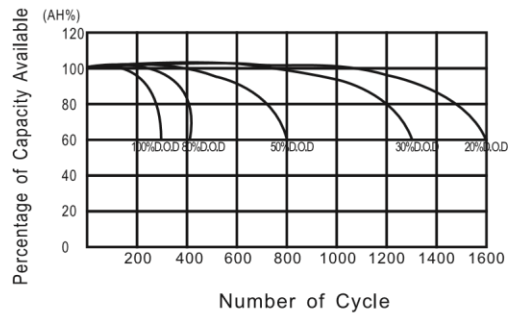
Constant Voltage Charging For Standby Use Batteries



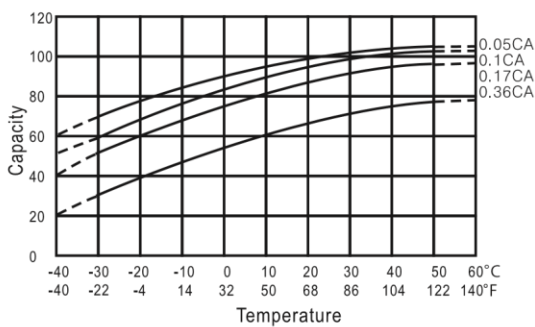
Self-Discharge Characteristics



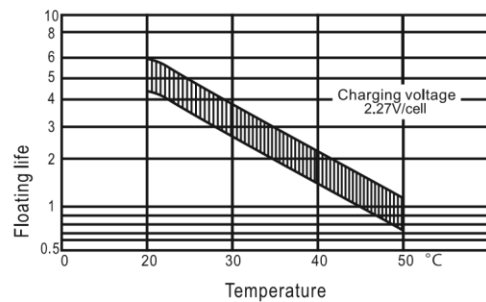
Cycle Service Life



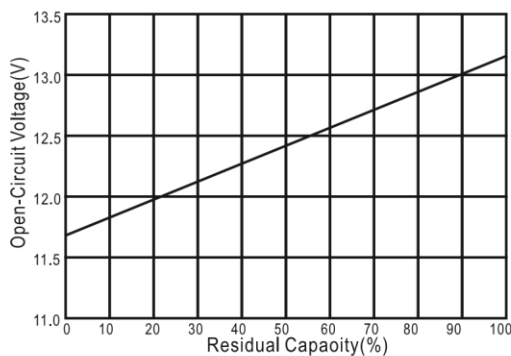
Effect of Temperature on Capacity



Float Service Life



Open-Circuit Voltage and Residual Capacity



Charge Curves

