

TECHNICAL DATA SHEET

DAB12-135

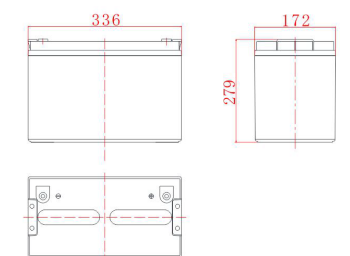


General Features

- High Corrosion Resistant Performance: Pb-Ca multi-alloy grid
- High Energy Density and Power Density
- Excellent Charge Acceptance Ability
- Strong High and Low Temperature Performance
- Optimized Capability of instant High-current Discharging
- Low self-discharge rate
- Excellent Deep Discharge Cycle Life

Dimension and Weight

Length	336mm±1.5mm
Width	172mm±1.5mm
Height	279mm±1.5mm
Total Height	279mm±1.5mm
Weight	44.0kg



Applications

Electric vehicle
Electric wheelchair
Electric scooter
Electric play car for children
Garbage truck
Patrol car

Product Specification

Nominal Voltage:

12V

Rated Capacity:

20Hour Rate	168Ah
10Hour Rate	158Ah
5Hour Rate	150Ah
3Hour Rate	136,5 Ah
1Hour Rate	108Ah

Self discharge Rate:

3%/month(25°C)

Operating Temperature Range:

Discharge	-20°C~50°C (-4°F~122°F)
Charge	-20°C~50°C (-4°F~122°F)
Storage	-20°C~50°C (-4°F~122°F)

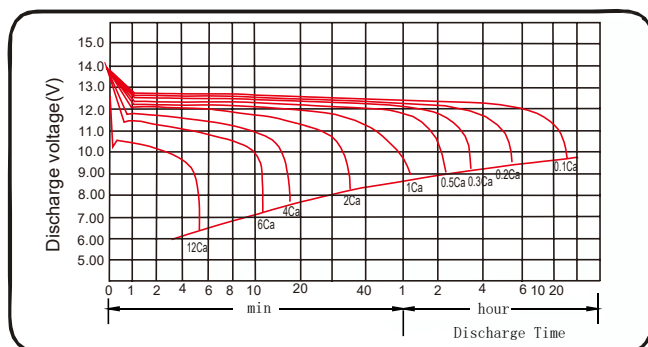
Charging Methods:

Floating Use	13.7V~13.9V(25°C)
Cycling Use	14.7V~14.9V(25°C)
Max Charge Current	20A

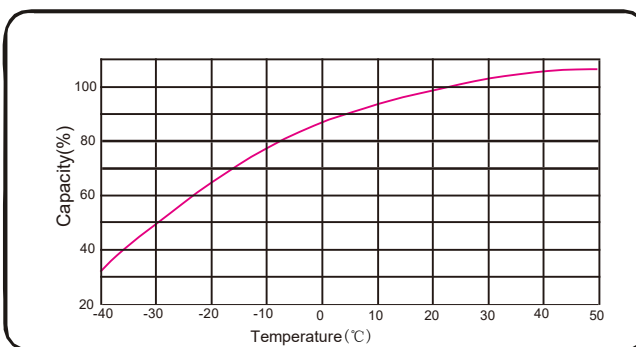
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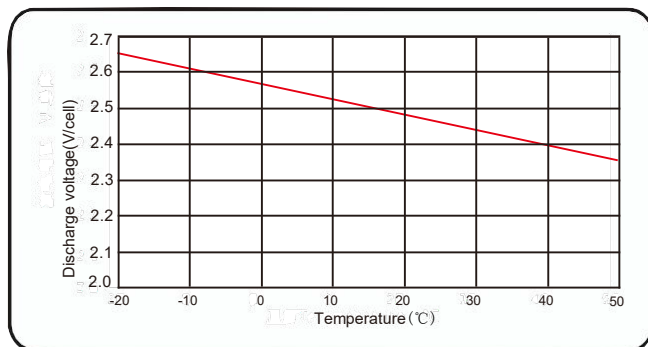
Discharge Characteristic Curve



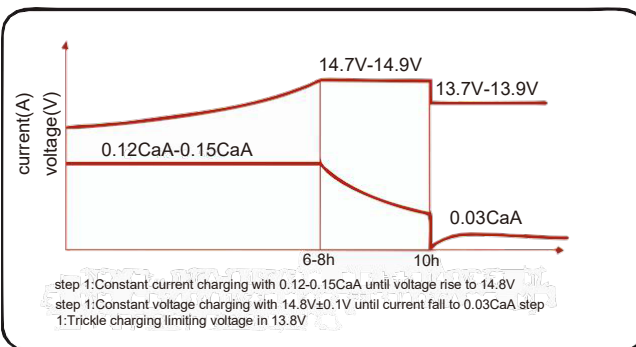
Effect of temperature on capacity



Effect of temperature on charge voltage



Charge Characteristic Curve



Cycle service life

