

TECHNICAL DATA SHEET

DAB12-33

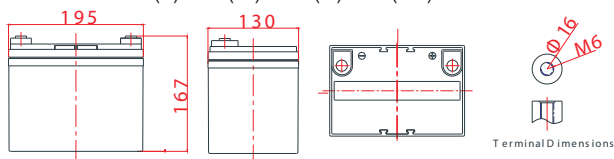


General Features

- High corrosion resistant performance: Pb-Ca multi-alloy grid
- High energy density and power density
- Optimized capability of instant high-current discharging
- Excellent charge acceptance ability
- Excellent deep cycle discharge capability
- Strong high and low temperature performance
- Precision sealing technology
- Long life



Dimension: 195(L)×130(W)×167(H)×167(TH) Unit: mm



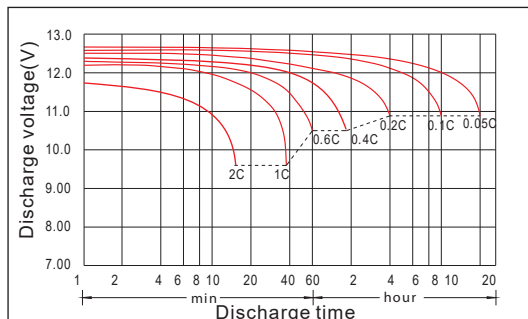
Applications

- UPS/EPS
- Power systems
- Telecommunications system
- Emergency lighting、Auto control system
- Solar/wind generating storage cyclic
- Other general purpose

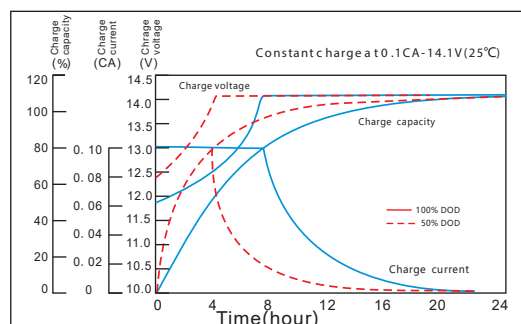
Specification

Nominal Voltage	12V
Nominal Capacity	35.6 Ah
Design life	10 years
Terminal	M6
Approx. Weight	Approx 10.0kg (22.0lbs)
Container Material	ABS
Rated Capacity	33.7Ah 10Hour Rate
	27.1Ah 3Hour Rate
	21.9Ah 1Hour Rate
Internal resistance	Full charged at 25°C: 13.0 mΩ
Max. Discharge Current	396A(5S)
Operating Temperature	Discharge: -20 ~50°C(-4~ 122°F)
	Charge: -20 ~50°C(-4~ 122°F)
	Storage: -20 ~50°C(-4~ 122°F)
Charge current: Max. 8.3A ; Recom.3.3A	
Charge Method (25 °C)	Float Charge:13.5-13.8V,recom.13.5V/ °C)
	Equalize charge:13.8-14.1V,recom.14.1V(-24mV/ °C)
	Cycle charge:14.4-15.0V,recom.14.4V(-30mV/ °C)
Self discharge	3% of capacity declined per month at 25°C

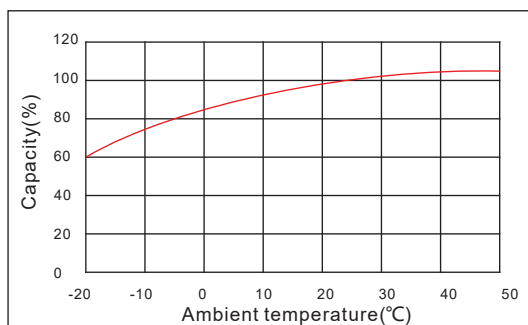
Discharge characteristic



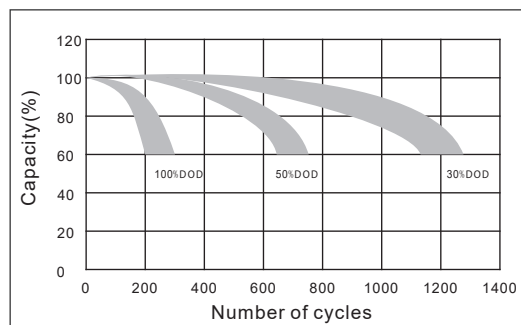
Charging characteristic



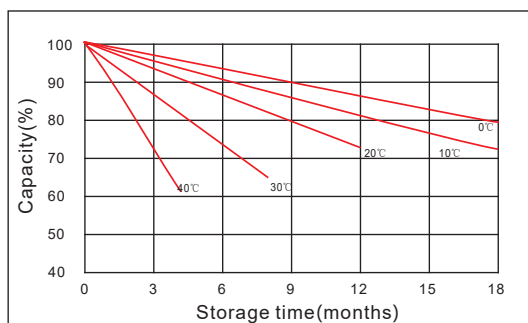
The effect of temperature on capacity



The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life

