Rechargeable Sealed Lead-Acid Battery 6-DMF-58

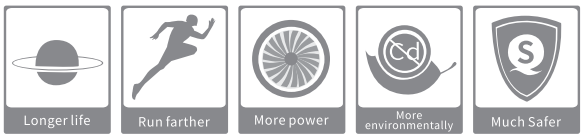
GENERAL FEATURES

Internal formation technology, alloy free of cadmium and arsenic, environmentally friendly. Reliable sealing structure, no leakage, no need for fluid maintenance. High specific energy and high specific efficiency, excellent large current discharge performance. Good charge acceptance performance, wide temperature range. Low self-discharge rate and long cycle life of deep charge and discharge.

Product Applications

Electric Tricycle

Product Features

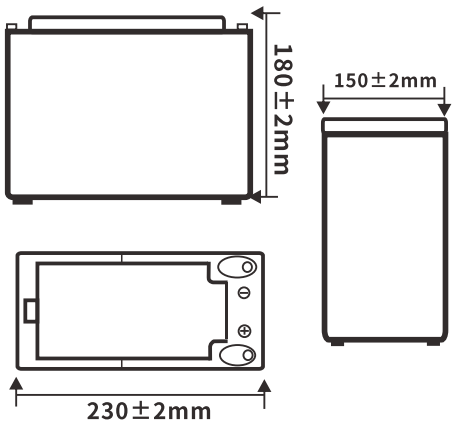


Parameters

Voltage(V)	12
3hr capacity (AH)	58
Dimension (±2mm)	L(mm) 230 W(mm) 150 H(mm) 180 T/H(mm) 180
Weight(Kg)	15.20 ±0.1kg
Material of Shell	ABS
Max resistance(mΩ)	⩽11
Terminal	Copper
Operating Temperature Range Discharge: -35°C (-31°F)~50°C (122°F) Charge: -15°C (5°F)~40°C (104°F) Stprage: -15°C (5°F)~40°C (104°F)	

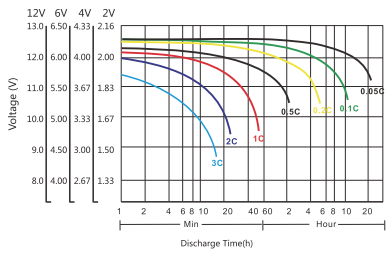
Capacity≧(Ah,25°C)	3hr(18.33A to 10.5V) 58 5hr(11.00A to 10.5V) 60 10hr(5.50A to 10.5V) 63 20hr(2.75A to 10.5V) 66
Self dischargeRate (20°C)	⩾85%/3month
Charging voltage(V)	Floating 13.5V~13.8V cycling 14.4V~14.8V
discharge current(A)	3.0 I_3
charge current(A)	0.15C_3
Terminal	ϕ11.8-M6
Residual capacity after self-discharge≧	30d 90% 60d 85% 90d 82% 180d 80%

OUTER DIMWENSIONS

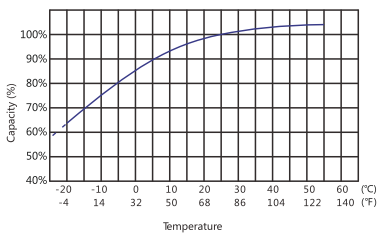


BATTERY FEATURE

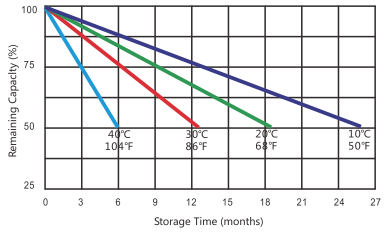
Discharge Characteristics(25℃)



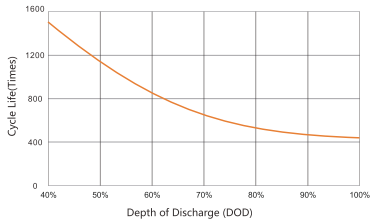
Capacity vs Temperature



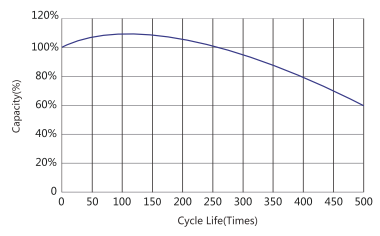
Self-discharge vs Time



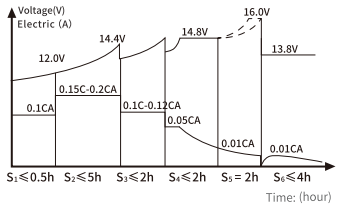
Cycle Life vs Depth of Discharge



Cycle Life vs Remaining Capacity@25℃(77℉)



Charging Characteristics(25℃)



The standard temperature for this charging process is 20°C. With the temperature going up or down, the voltage adjustment factor is +/-0.018V/°C