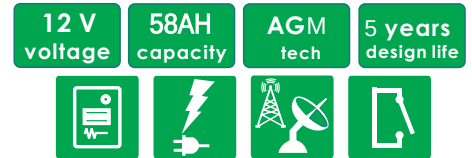


TECHNICAL SPECIFICATIONS

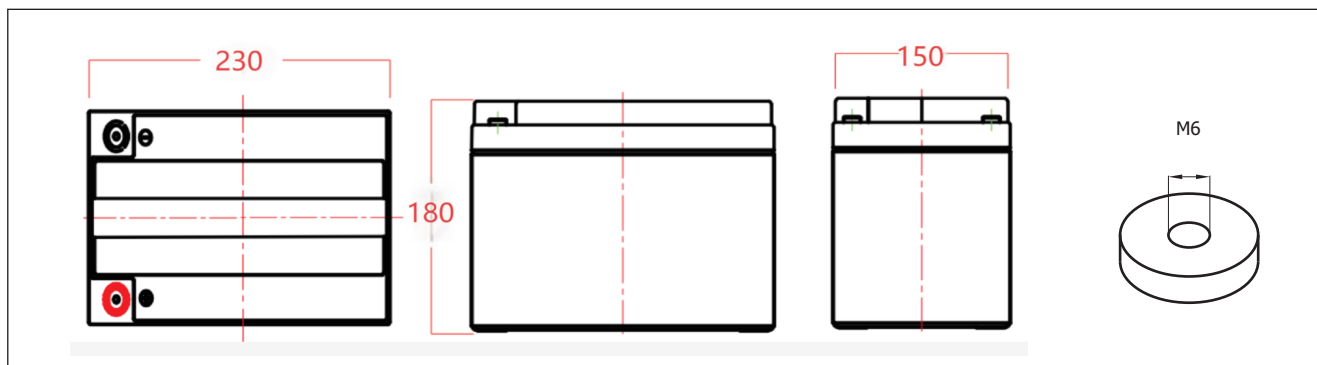
Nominal Voltage (V)	12 (6 cells per unit)
Designed Floating Life (25°C)	5 Years
Nominal Capacity (25°C)	58 Ah @ 5HR-rate (to 1.75Vpc)
Dimension (mm)	L230mm x W150mm x H180mm
Approx. Weight	15 kg
Terminal Type	M6
Internal Resistance	Approx. 12 Ohm (fully charged @ 25°C)
Max. Charge Current	14.5 A
Max. Discharge Current (5S)	290 A
Short Circuit Current	690A
Self Discharge	Approx. 3% per month @ 25°C
Ambient Temperature	Discharge: -20~60°C Charge: -20~60°C Storage: -20~45°C
Float Charge Voltage (25°C)	13.5-13.8V (-3mV/ cell/ °C)
Equalize and cycle Use Charge Voltage (25°C)	14.4-15.0V (-5mV/ cell / °C)
Container Material	ABS (UL94-V0 optional)



Complied standards

- IEC 60896-21/22
- UL1989
- JIS C8704
- GB/T19639

BATTERY DIMENSIONS



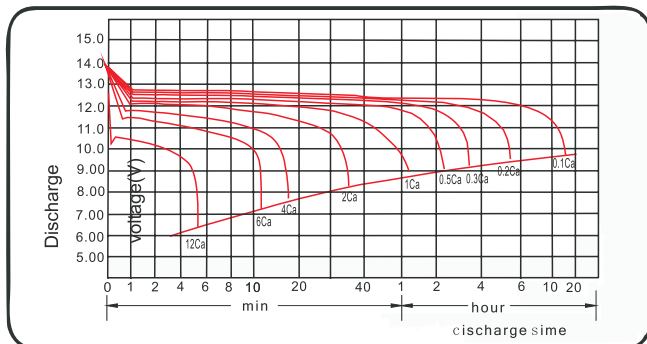
BATTERY DISCHARGE TABLE

Constand current discharge(25°C)

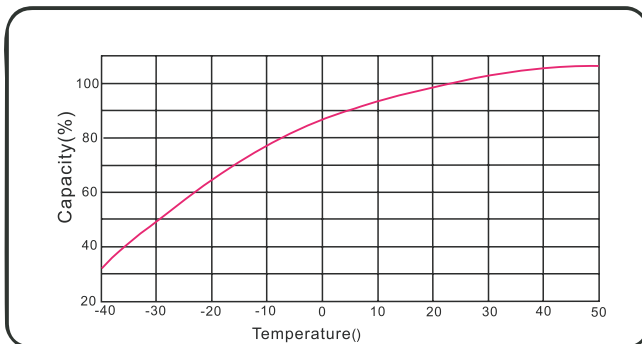
F. V/Time	1HR		3HR		5HR		10HR		20HR	
	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)
1.75V	40	40	18.7	56.1	11.6	58	6.1	61	3.25	65

CHARACTERISTICS

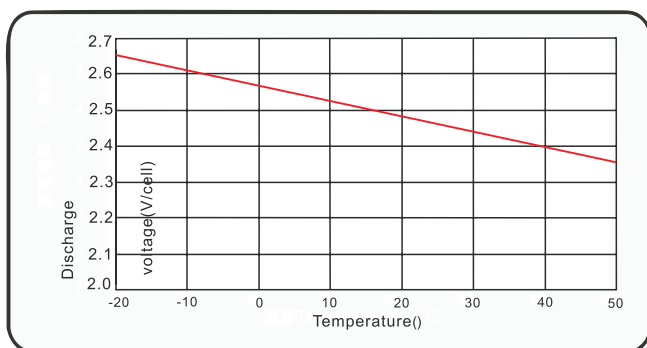
Discharge Characteristic Curve



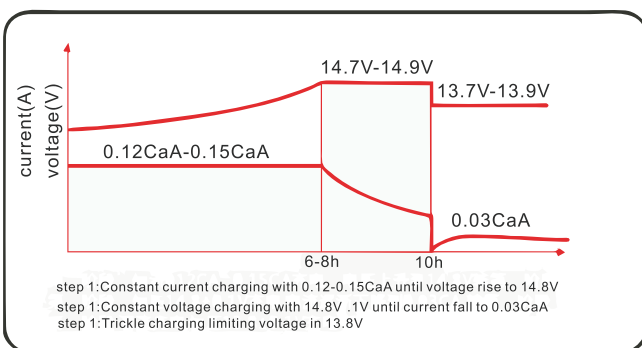
Effect of temperature on capacity



Effect of temperature on charge voltage



Charge Characteristic Curve



Cycle service life

