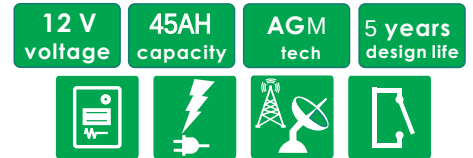


TECHNICAL SPECIFICATIONS

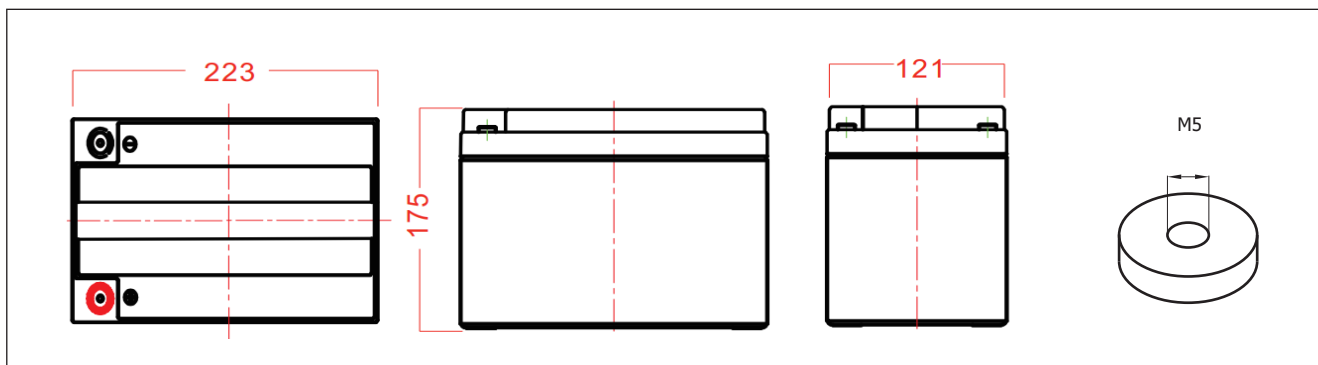
Nominal Voltage (V)	12 (6 cells per unit)
Designed Floating Life (25°C)	5 Years
Nominal Capacity (25°C)	45 Ah @ 2HR-rate (to 1.75Vpc)
Dimension (mm)	L223mm x W120mm x H175mm
Approx. Weight	12.8 kg
Terminal Type	M5
Internal Resistance	Approx. 13 Ohm (fully charged @ 25°C)
Max. Charge Current	11.25 A
Max. Discharge Current (5S)	225 A
Short Circuit Current	450 A
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



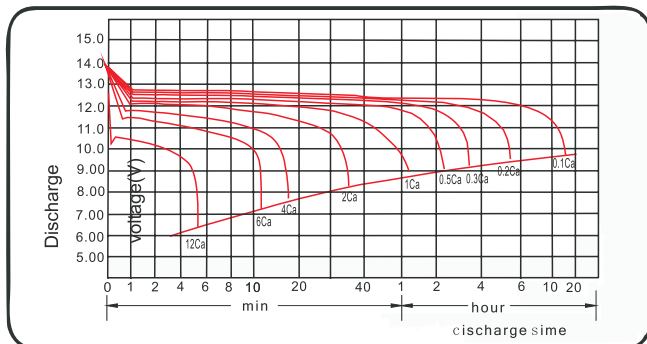
BATTERY DISCHARGE TABLE

Constand current discharge(25°C)

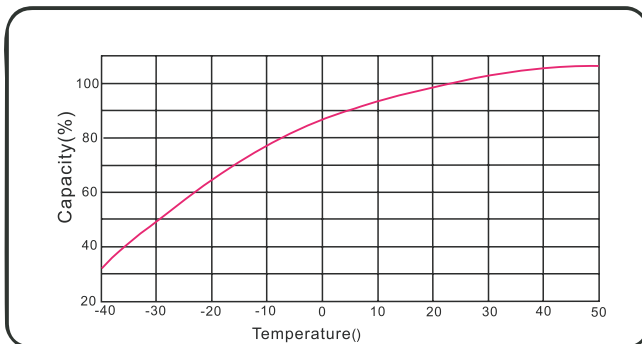
F. V/Time	1HR		2HR		5HR		10HR		20HR	
	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)
1.75V	39	39	22.5	45	9.6	48	5.0	50	2.7	54

CHARACTERISTICS

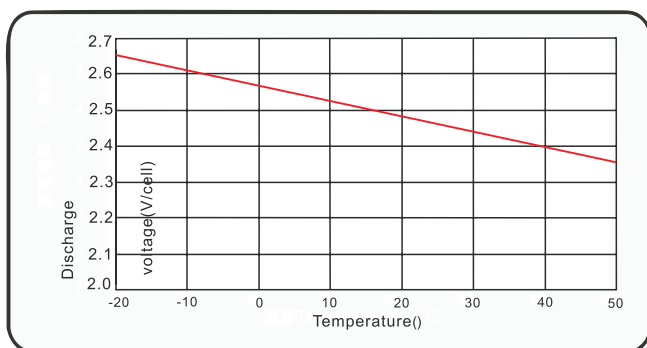
Discharge Characteristic Curve



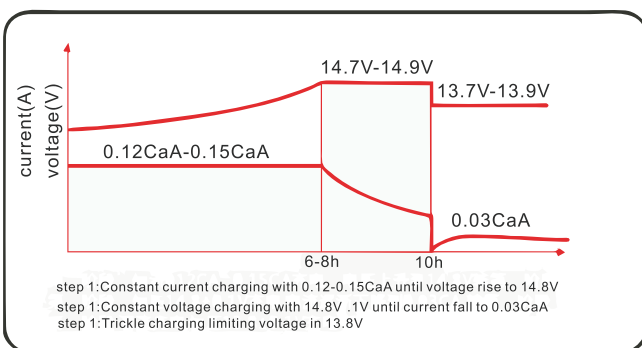
Effect of temperature on capacity



Effect of temperature on charge voltage



Charge Characteristic Curve



Cycle service life

