



● Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		26Ah
Dimensions	Total Height	125±2mm(4.92 inches)
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	Length	166±2mm(6.54 inches)
	Width	175±2mm(6.89 inches)
Weight Approx		7.7kg(16.98 lbs± 4%)

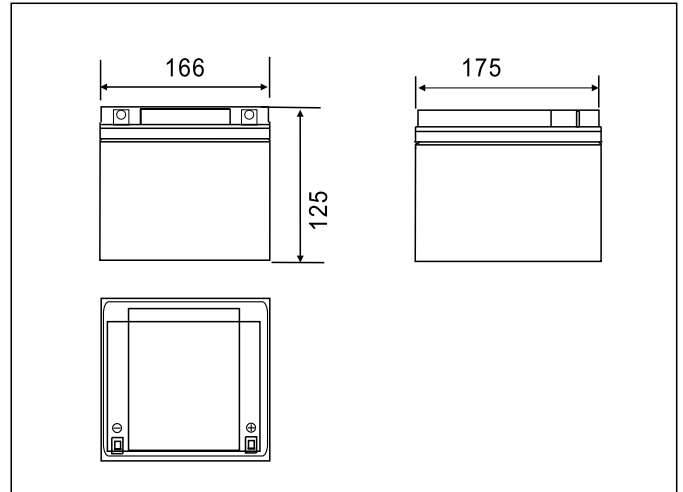
● Characteristics

Capacity 25°C(77°F)	20 hour rate(1.30A)	26.0 AH
	10 hour rate(2.45A)	24.5 AH
	5 hour rate(4.50A)	22.5AH
	1hour rate(16.3A)	16.3AH
Internal Resistance	Full charged Battery at 25°C(77°F)	12mΩ
Capacity affected by Temperature (20hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Charge (constant voltage)	Cycle	Initial Charging Current Less than 7.8 A Voltage 14.50-14.90V
	Float	Voltage 13.50-13.80V

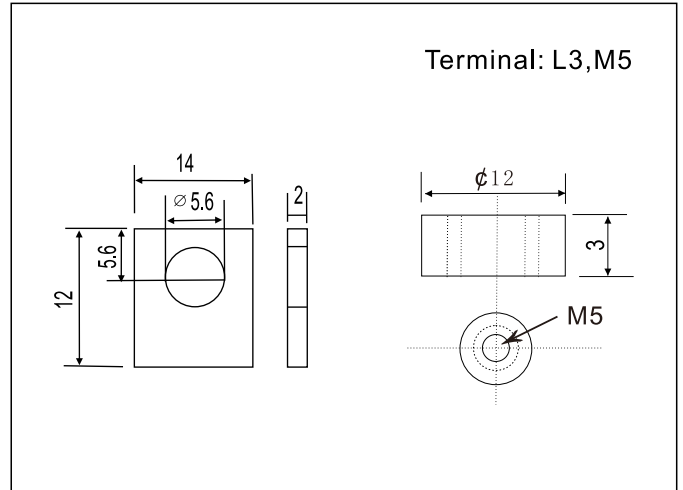
● Applications

- Electric tools
- Electric toys
- Emergency lighting
- Electronic instruments
- Medical equipment
- Alarm and security systems
- Solar power systems
- Wind power systems
- Telecommunication equipments
- Uninterruptible power supplies

● Outer Dimensions (mm)



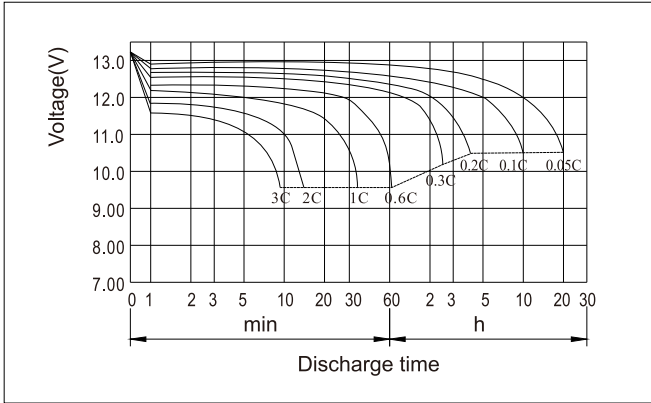
● Terminal Type (mm)



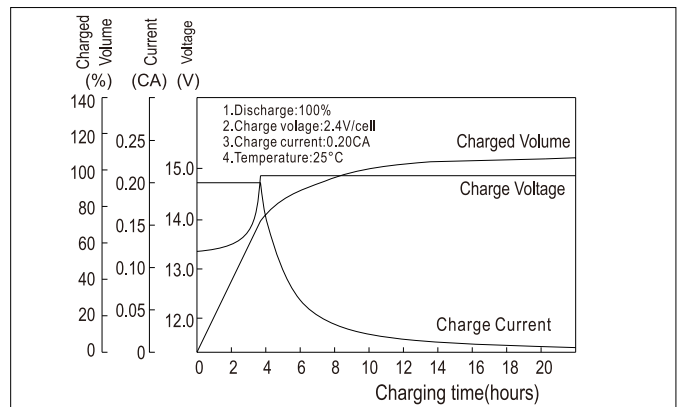
Constant Current(AMP) and Constant Power(Watt) Characteristics at 25°C(77°F)

F.V/TIME	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	60.0	47.5	26.5	16.3	9.24	6.63	5.30	4.51	2.92	1.32
	w	677	542	304	188	108	48.8	63.2	53.8	35.0	15.8
9.90V	A	58.2	46.4	26.0	16.0	9.18	6.59	5.27	4.48	2.90	1.31
	w	656	529	298	185	107	78.3	62.8	53.5	34.8	15.8
10.2V	A	55.8	44.7	25.2	15.6	9.10	6.55	5.24	4.45	2.88	1.31
	w	629	509	289	181	106	77.8	62.4	53.1	34.6	15.7
10.5V	A	53.4	43.1	24.6	15.3	8.96	6.50	5.20	4.42	2.86	1.30
	w	602	492	282	177	105	77.2	61.9	52.8	34.3	15.6
10.8V	A	50.4	40.9	23.7	14.8	8.74	6.31	5.04	4.29	2.77	1.27
	w	569	466	271	172	102	74.9	60.1	51.2	33.3	15.3

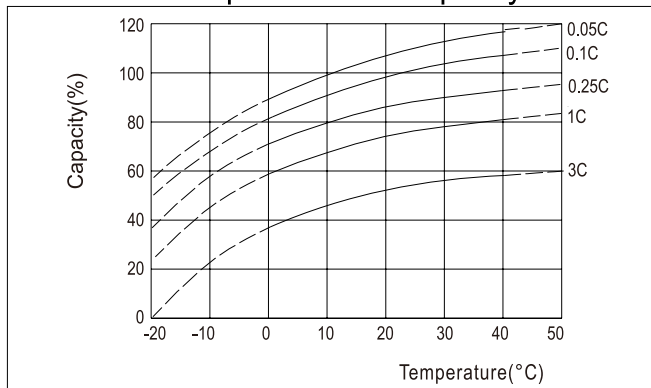
● Discharge Characteristics(25°C)



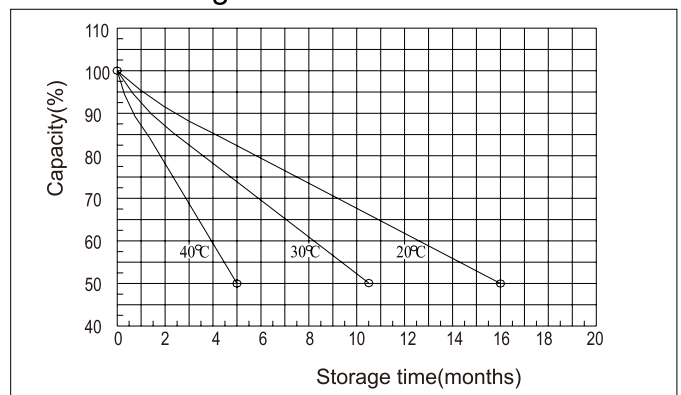
● Charging Characteristics(25°C)



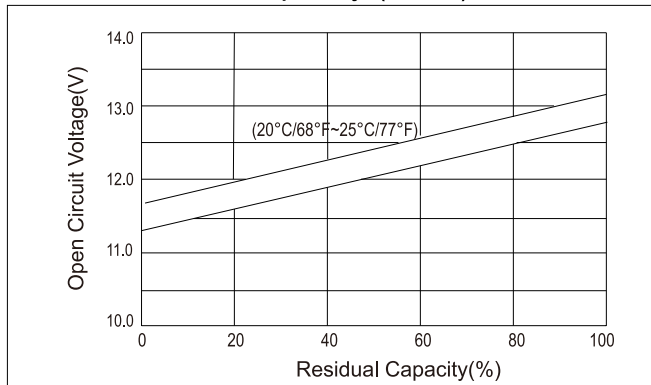
● Effect of Temperature on Capacity



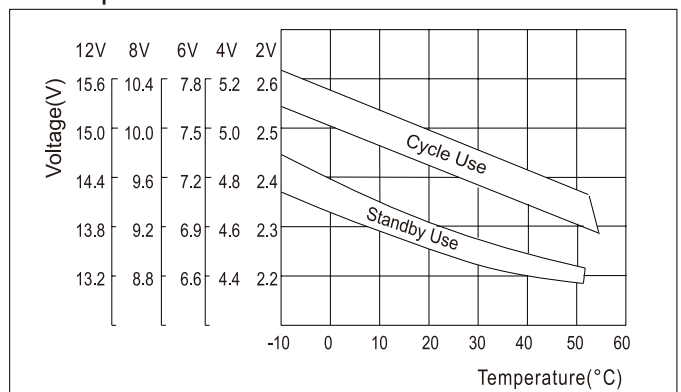
● Self-discharge Characteristics



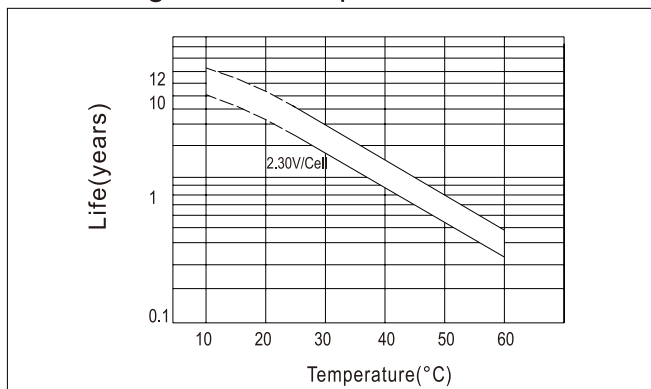
● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



● The Relationship for Charging Voltage and Temperature



● Floating Life on Temperature



● Cycle Life on D.O.D (25°C)

