



### ● Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		1.3Ah
Dimensions	Total Height	58±2mm(2.29 inches)
	Height	52±2mm(2.05 inches)
	Length	97±2mm(3.82 inches)
	Width	24±2mm(0.94 inches)
Weight Approx		0.29kg(0.64lbs)± 4%

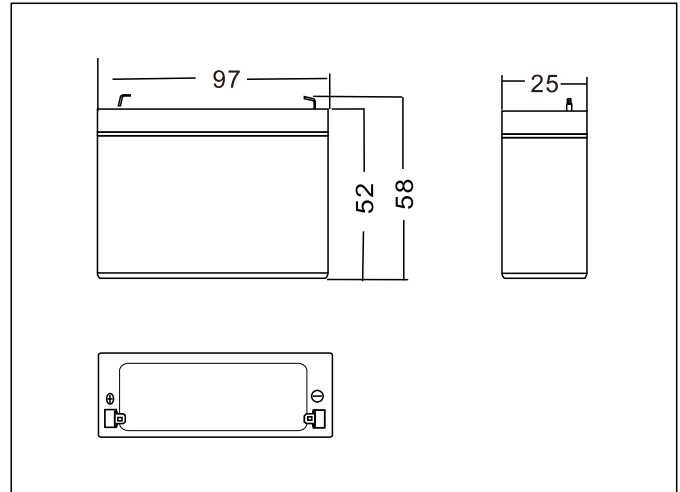
### ● Characteristics

Capacity 25°C(77°F)	20 hour rate(0.065A)	1.30 AH
	10 hour rate(0.12A)	1.20 AH
	5 hour rate(0.22A)	1.10AH
	1hour rate(0.78A)	0.78 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	37m Ω
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 0.39A Voltage 7.20-7.50V
	Float	Voltage 6.75-6.90V

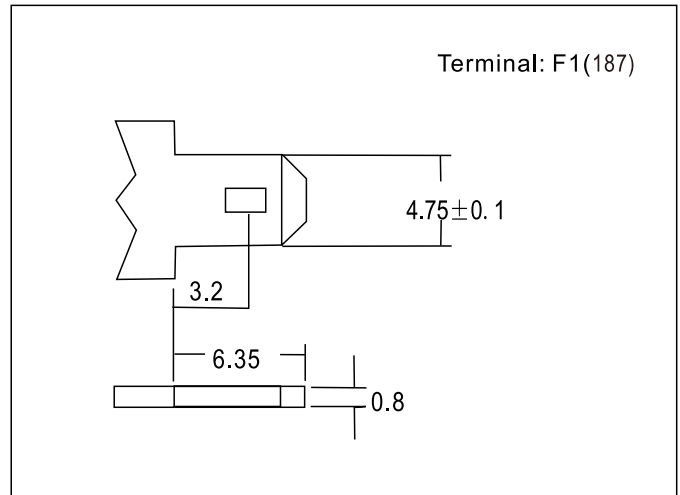
### ● Applications

- 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)



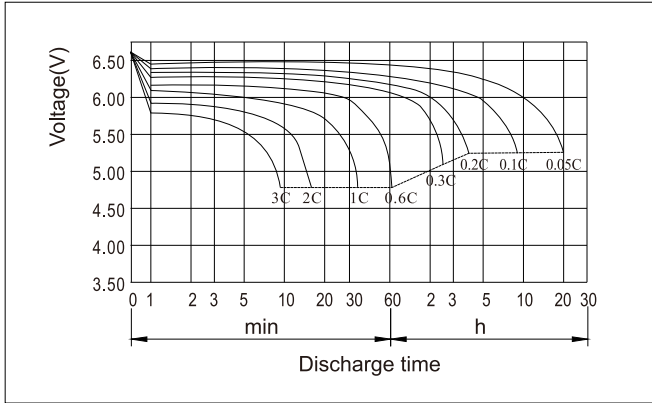
### ● Terminal Type (mm)



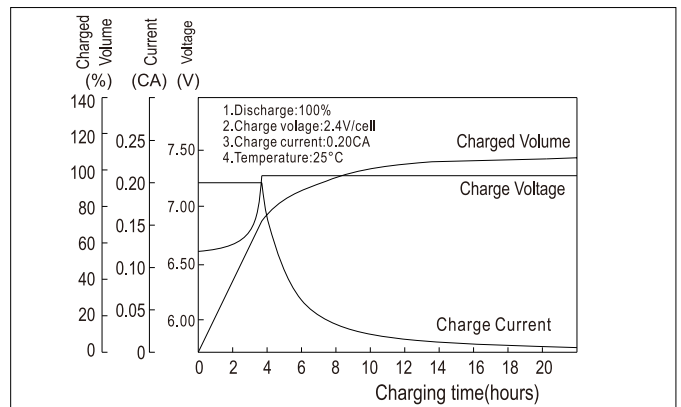
### Constant Current(AMP) and Constant Power(Watt) Characteristics at 25°C(77°F)

F.V/TIME	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	A	4.68	3.07	2.28	1.50	0.78	0.46	0.33	0.27	0.23	0.15	0.07
	w	24.3	16.5	12.2	8.04	4.21	2.50	1.88	1.51	1.30	0.86	0.39
5.10V	A	4.29	2.94	2.09	1.42	0.73	0.44	0.33	0.26	0.22	0.15	0.07
	w	23.0	16.4	11.7	7.97	4.14	2.52	1.87	1.51	1.30	0.87	0.38
5.25V	A	3.91	2.74	1.95	1.38	0.71	0.43	0.32	0.25	0.22	0.15	0.07
	w	21.4	15.6	11.1	7.92	4.10	2.48	1.86	1.44	1.31	0.86	0.38
5.40V	A	3.75	2.62	1.82	1.34	0.68	0.42	0.31	0.24	0.21	0.14	0.06
	w	21.1	15.1	10.5	7.75	3.98	2.44	1.85	1.43	1.25	0.84	0.38
5.55V	A	3.47	2.47	1.69	1.30	0.66	0.41	0.30	0.24	0.20	0.14	0.06
	w	19.7	14.3	9.84	7.61	3.89	2.40	1.77	1.42	1.21	0.83	0.37

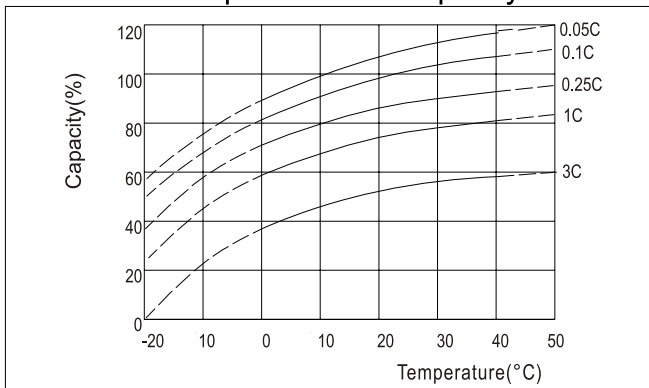
### ● Discharge Characteristics(25°C)



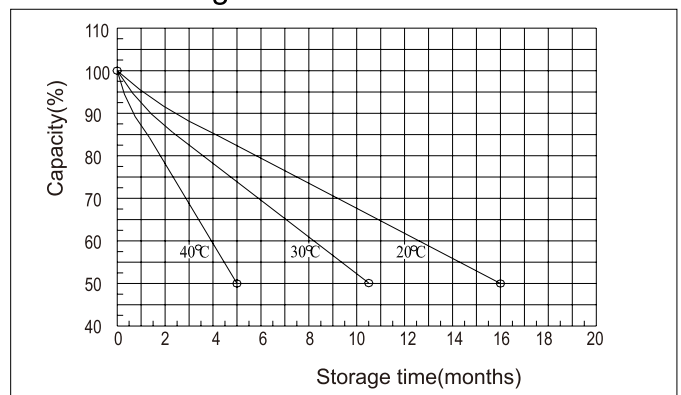
### ● Charging Characteristics(25°C)



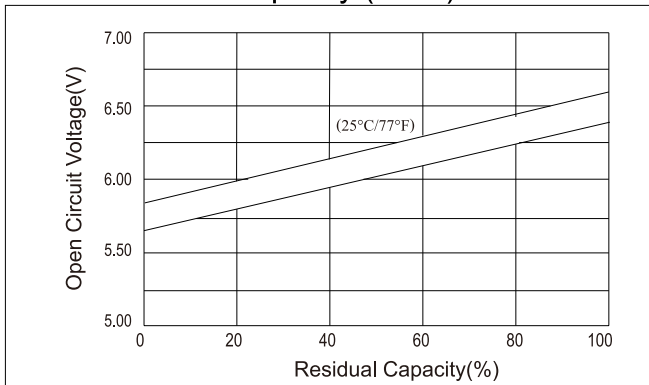
### ● Effect of Temperature on Capacity



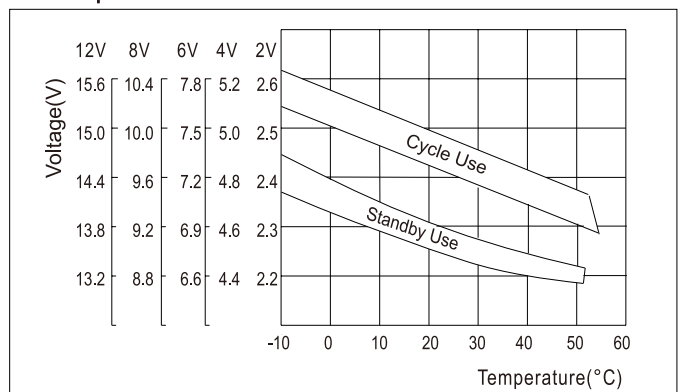
### ● Self-discharge Characteristics



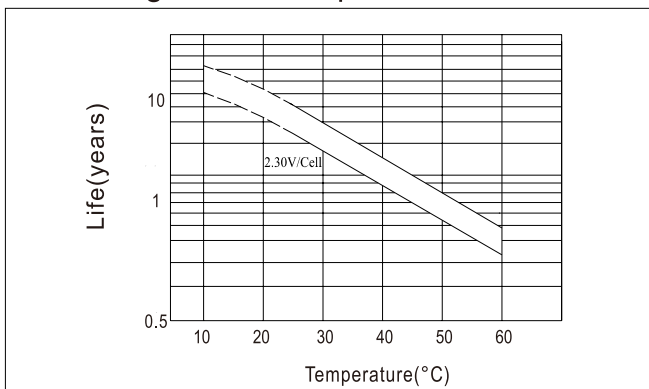
### ● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



### ● The Relationship for Charging Voltage and Temperature



### ● Floating Life on Temperature



### ● Cycle Life on D.O.D (25°C)

