



Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		4Ah
Dimensions	Total Height	107±2mm(4.21 inches)
	Height	101±2mm(3.98 inches)
	Length	70±2mm(2.76 inches)
	Width	47±2mm(1.85 inches)
Weight Approx		0.68kg(1.50 lbs)± 4%

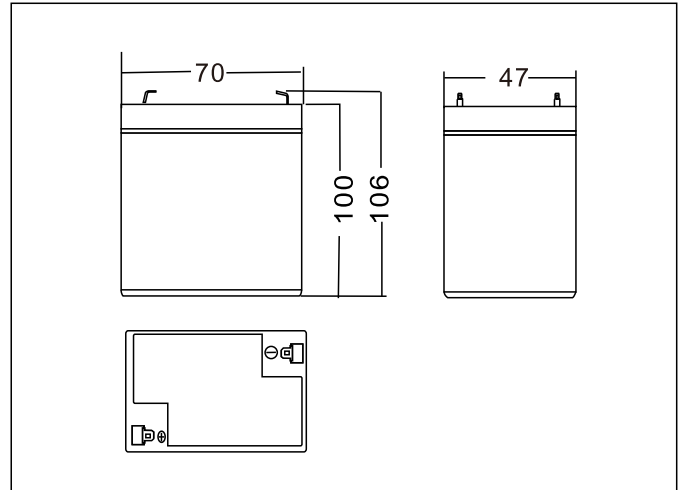
Characteristics

Capacity 25°C(77°F)	20 hour rate(0.20A)	4.00 AH
	10 hour rate(0.38A)	3.80 AH
	5 hour rate(0.69A)	3.45AH
	1hour rate(2.60A)	2.60 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	30m 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 1.2 A Voltage 7.20-7.50V
	Float	Voltage 6.75-6.90V

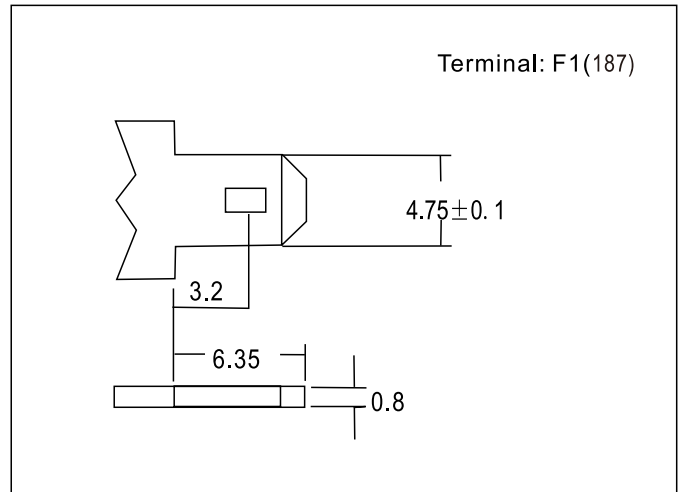
Applications

- 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)



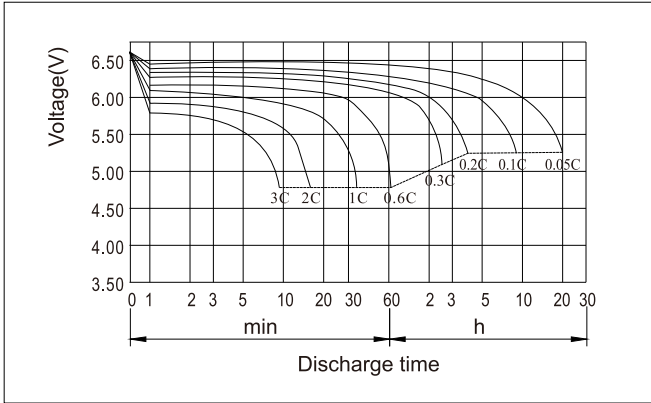
Terminal Type (mm)



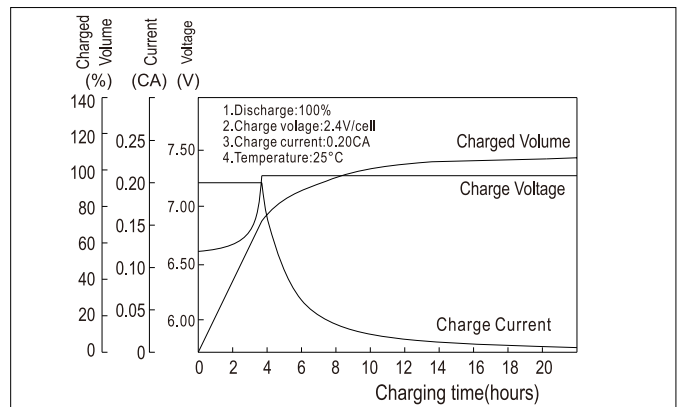
Constant Current(AMP) and Constant Power(Watt) Characteristics at 25°C(77°F)

F.V/TIME	5min	10min	15min	30min	1h	2h	3h	4h	5h	10h	20h	
4.80V	A	15.2	9.60	7.60	4.24	2.60	1.42	1.02	0.82	0.69	0.38	0.20
	w	84.8	54.1	43.3	24.3	15.1	8.31	6.06	4.86	4.14	2.27	1.22
4.95V	A	14.7	9.31	7.42	4.16	2.56	1.41	1.01	0.81	0.69	0.38	0.20
	w	82.3	52.5	42.3	23.8	14.8	8.26	6.02	4.83	4.12	2.26	1.21
5.10V	A	14.1	8.93	7.14	4.03	2.50	1.40	1.01	0.81	0.68	0.37	0.20
	w	78.9	50.4	40.7	23.1	14.5	8.19	5.98	4.80	4.09	2.25	1.21
5.25V	A	13.5	8.54	6.90	3.93	2.45	1.38	1.00	0.80	0.68	0.37	0.20
	w	75.5	48.2	39.3	22.5	14.2	8.07	5.94	4.76	4.06	2.23	1.20
5.40V	A	12.8	8.06	6.54	3.79	2.37	1.34	0.97	0.78	0.66	0.36	0.20
	w	71.2	45.5	21.7	21.7	13.7	7.86	5.76	4.62	3.94	2.19	1.18

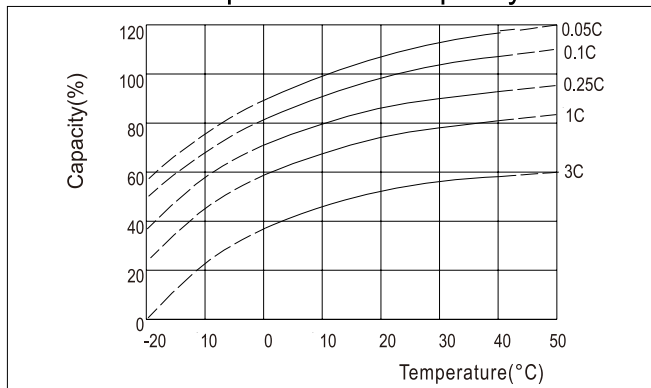
● Discharge Characteristics(25°C)



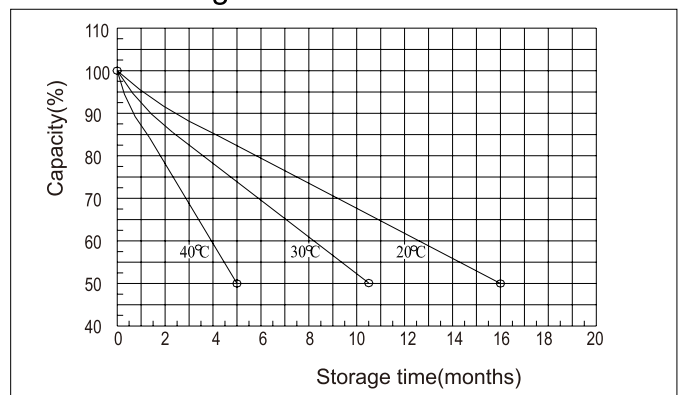
● Charging Characteristics(25°C)



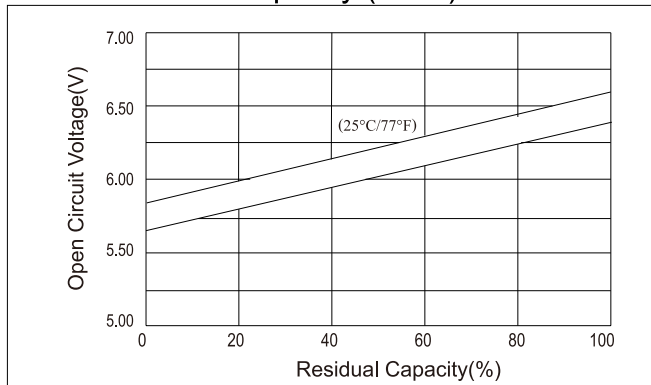
● Effect of Temperature on Capacity



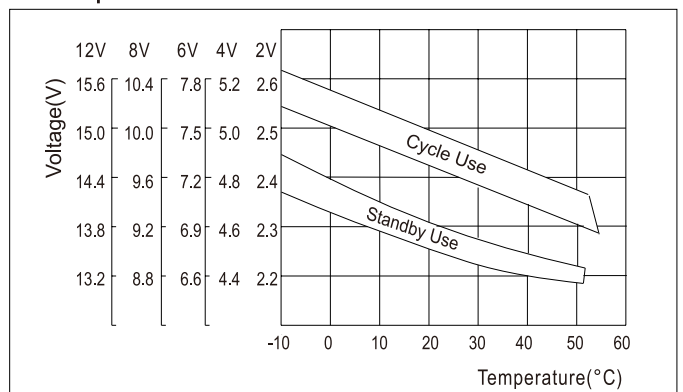
● Self-discharge Characteristics



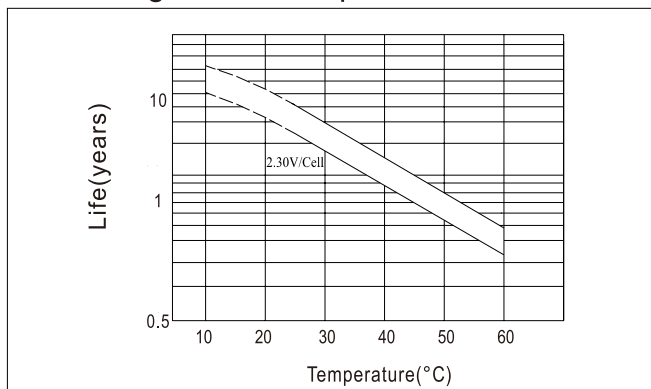
● The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



● The Relationship for Charging Voltage and Temperature



● Floating Life on Temperature



● Cycle Life on D.O.D (25°C)

