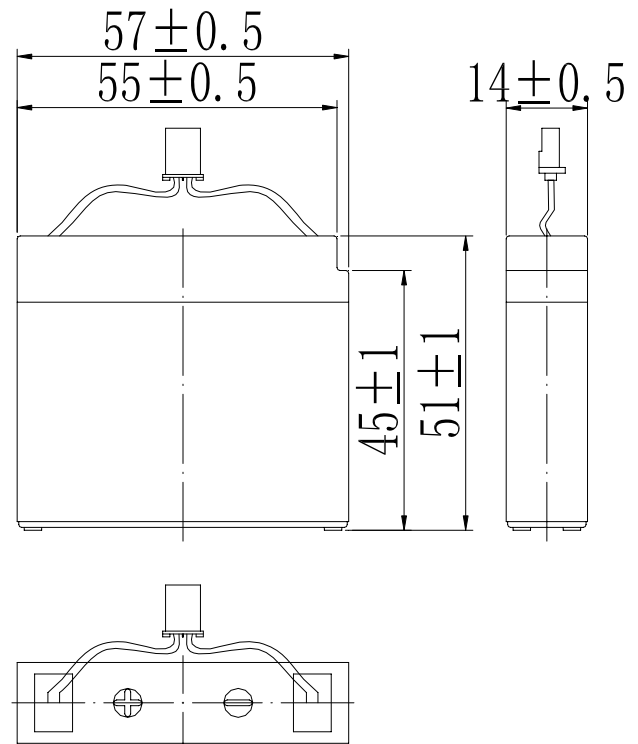


Specifications

Nominal Voltage		6 V
Capacity (25℃)	20HR(5.25V)	0.4 Ah
	10HR(5.25V)	0.37Ah
	1HR(4.80V)	0.25Ah
Dimension	Length	57 ± 0.5mm (2.24inch)
	Width	14 ± 0.5mm (0.55inch)
	Height	51 ± 1mm (2.01inch)
	Total Height	51 ± 1mm (2.01inch)
Approx. Weight		0.10kg (0.22lbs) ± 10%
Terminal type		Plug
Internal resistance (Fully charged, 25℃)		Approx. 150m Ω
Capacity affected by temperature (20HR)	40℃	102%
	25℃	100%
	0℃	85%
	-15℃	65%
Self-discharge (25℃)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25℃ ± 3℃ (77°F ± 5°F)
Operating temperature range	Discharge	-15℃ ~ 50℃ (5°F ~ 122°F)
	Charge	-10℃ ~ 50℃ (14°F ~ 122°F)
	Storage	-20℃ ~ 50℃ (-4°F ~ 122°F)
Float charging voltage(25℃)		6.80 to 6.90V Temperature compensation: -9mV/℃
Cyclic charging voltage(25℃)		7.25 to 7.45V Temperature compensation: -15mV/℃
Maximum charging current		0.15A
Terminal material		Wire Plug
Maximum discharge current		5A(5 sec.)

Dimensions

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

Constant Current Discharge Characteristics (A, 25℃)

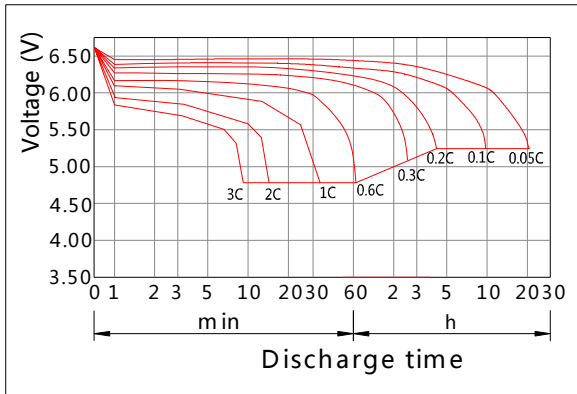
F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
4.80V	1.44	0.91	0.72	0.40	0.25	0.142	0.102	0.082	0.069	0.038	0.020
4.95V	1.40	0.88	0.70	0.39	0.24	0.141	0.101	0.081	0.069	0.038	0.020
5.10V	1.34	0.85	0.68	0.38	0.24	0.140	0.101	0.081	0.068	0.037	0.020
5.25V	1.29	0.81	0.66	0.37	0.23	0.138	0.100	0.080	0.068	0.037	0.020
5.40V	1.21	0.77	0.62	0.36	0.23	0.134	0.097	0.078	0.066	0.036	0.020

Constant Power Discharge Characteristics (Watt, 25℃)

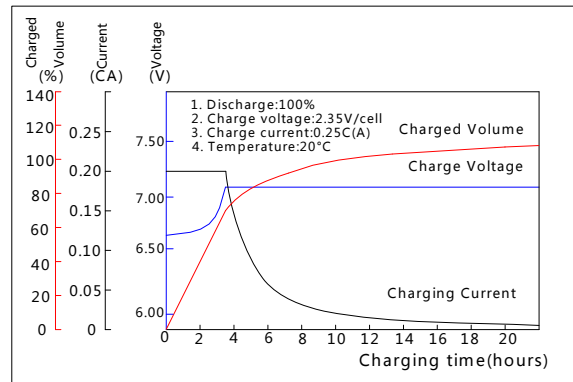
F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
4.80V	8.06	5.14	4.12	2.31	1.43	0.83	0.61	0.49	0.41	0.23	0.12
4.95V	7.82	4.99	4.02	2.26	1.41	0.83	0.60	0.48	0.41	0.23	0.12
5.10V	7.49	4.78	3.87	2.19	1.37	0.82	0.60	0.48	0.41	0.22	0.12
5.25V	7.17	4.58	3.74	2.14	1.35	0.81	0.59	0.48	0.41	0.22	0.12
5.40V	6.77	4.32	3.54	2.06	1.30	0.79	0.58	0.46	0.39	0.22	0.12

Note: The above characteristics data can be obtained within three charge/discharge cycles.

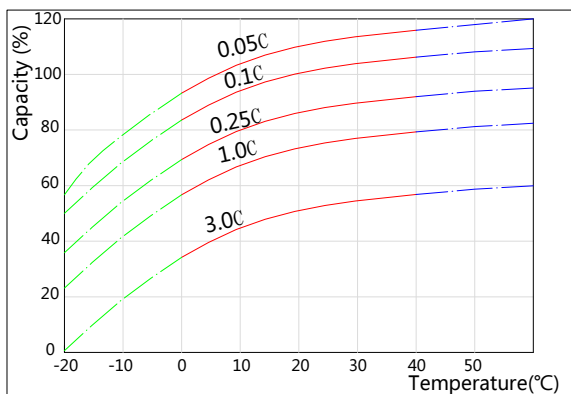
Discharge Characteristics(25°C)



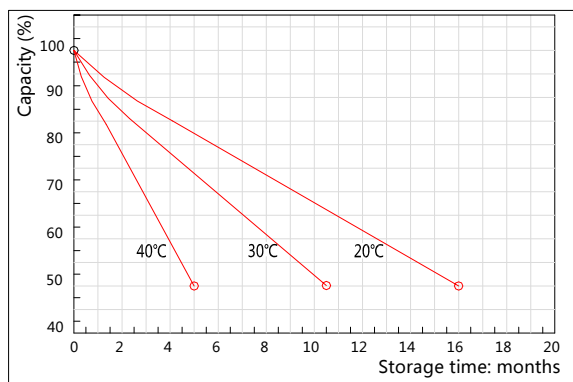
Charging Characteristics(25°C)



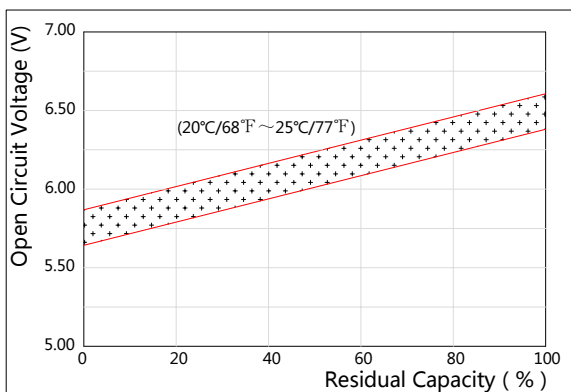
Effect of Temperature on Capacity



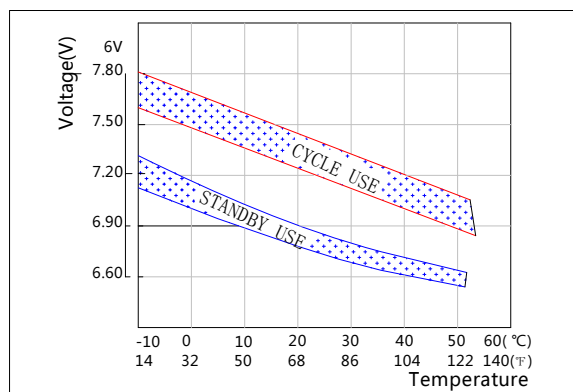
Self-discharge Characteristics



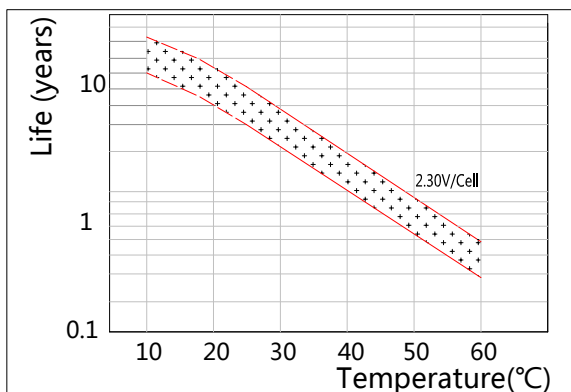
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D.(25°C)

