

Specifications

Nominal Voltage		6 V
Capacity (25°C)	20HR(5.25V)	3.6Ah
	10HR(5.25V)	3.3Ah
	1HR(4.80V)	2.34Ah
Dimension	Length	39 ± 0.5mm (1.54inch)
	Width	39 ± 0.5mm (1.54inch)
	Height	150 ± 1mm (5.91inch)
	Total Height	150 ± 1mm (5.91inch)
Approx. Weight		0.62kg (1.37lbs) ± 5%
Terminal type		Plug
Internal resistance (Fully charged, 25°C)		Approx. 55mΩ
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		6.80 to 6.90V Temperature compensation: -9mV/°C
Cyclic charging voltage(25°C)		7.25 to 7.45V Temperature compensation: -15mV/°C
Maximum charging current		1.2A
Terminal material		Wire Plug
Maximum discharge current		10A(5 sec.)
Designed floating life(20°C)		10years

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

Constant Current Discharge Characteristics (A, 25°C)

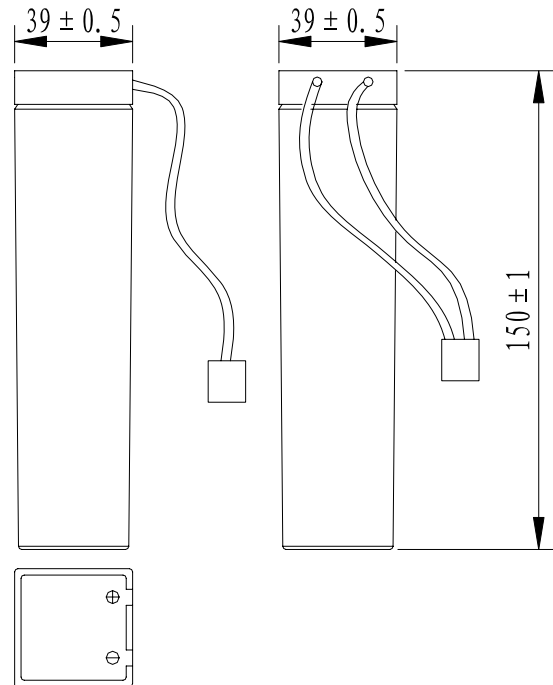
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	--	--	--	2.34	1.28	0.92	0.73	0.62	0.40	0.34	0.18
4.95V	--	--	--	2.30	1.27	0.91	0.73	0.62	0.40	0.34	0.18
5.10V	--	--	--	2.25	1.26	0.91	0.73	0.62	0.40	0.34	0.18
5.25V	--	--	--	2.20	1.24	0.90	0.72	0.61	0.40	0.33	0.18
5.40V	--	--	--	2.13	1.21	0.87	0.70	0.59	0.38	0.33	0.18

Constant Power Discharge Characteristics (Watt, 25°C)

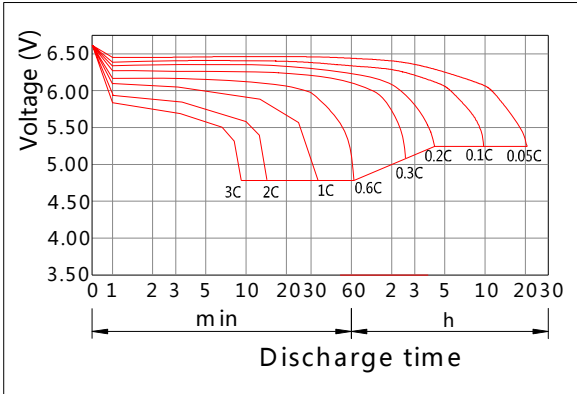
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	--	--	--	13.5	7.5	5.45	4.37	3.73	2.42	2.04	1.10
4.95V	--	--	--	13.3	7.4	5.42	4.35	3.70	2.41	2.03	1.09
5.10V	--	--	--	13.0	7.4	5.38	4.32	3.68	2.39	2.02	1.09
5.25V	--	--	--	12.7	7.3	5.35	4.29	3.65	2.38	2.01	1.08
5.40V	--	--	--	12.4	7.1	5.19	4.16	3.54	2.30	1.97	1.06

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

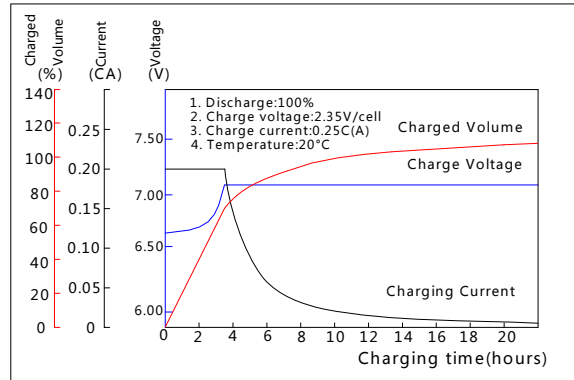
Dimensions



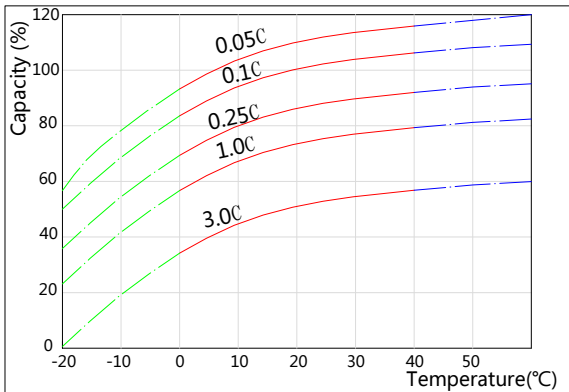
Discharge Characteristics(25°C)



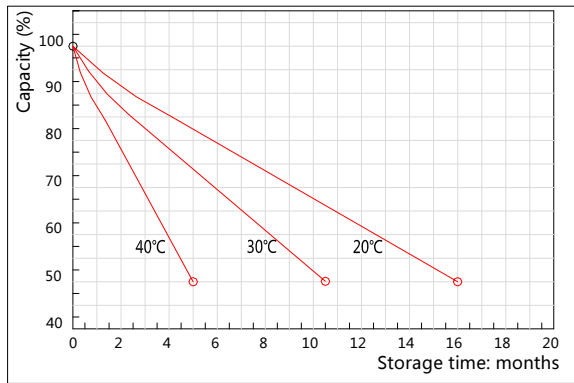
Charging Characteristics(25°C)



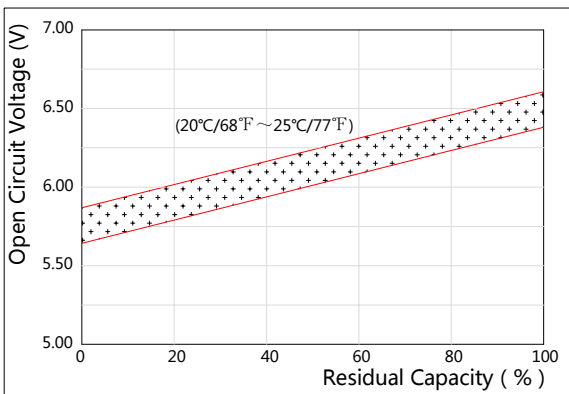
Effect of Temperature on Capacity



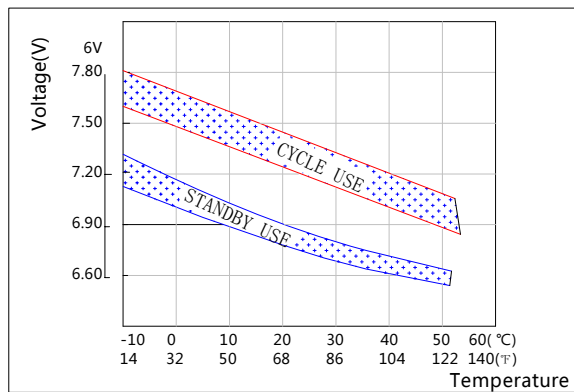
Self-discharge Characteristics



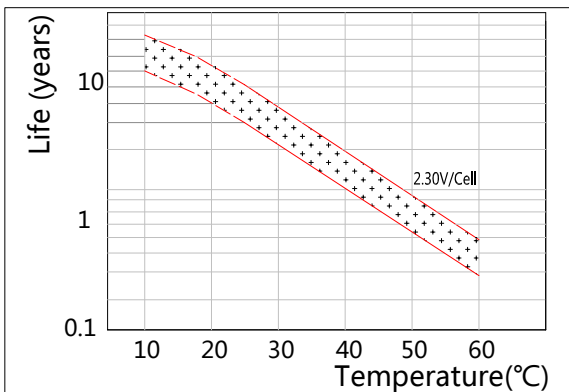
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

