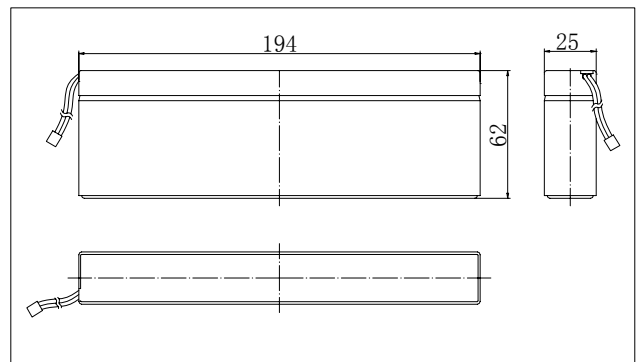


Specifications

Nominal Voltage		6 V
Capacity (25°C)	20HR(5.25V)	4Ah
	10HR(5.25V)	3.7Ah
	1HR(4.80V)	2.6Ah
Dimension	Length	194 ± 2mm(7.64inch)
	Width	25 ± 0.5mm (0.98inch)
	Height	62 ± 1mm (2.44inch)
	Total Height	62 ± 1mm (2.44inch)
Approx. Weight		0.69kg (1.52lbs) ± 5%
Terminal type		Plug
Internal resistance (Fully charged, 25°C)		Approx. 50m Ω
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

Dimensions



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

Constant Current Discharge Characteristics (A, 25°C)

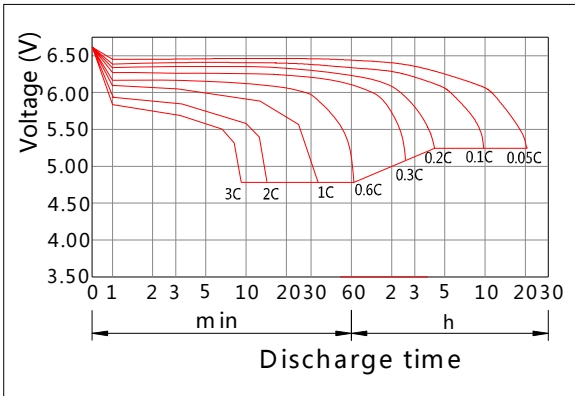
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	--	--	4.24	2.60	1.42	1.02	0.82	0.69	0.45	0.38	0.20
4.95V	--	--	4.16	2.56	1.41	1.01	0.81	0.69	0.45	0.38	0.20
5.10V	--	--	4.03	2.50	1.40	1.01	0.81	0.68	0.44	0.37	0.20
5.25V	--	--	3.93	2.45	1.38	1.00	0.80	0.68	0.44	0.37	0.20
5.40V	--	--	3.79	2.37	1.34	0.97	0.78	0.66	0.43	0.36	0.20

Constant Power Discharge Characteristics (Watt, 25°C)

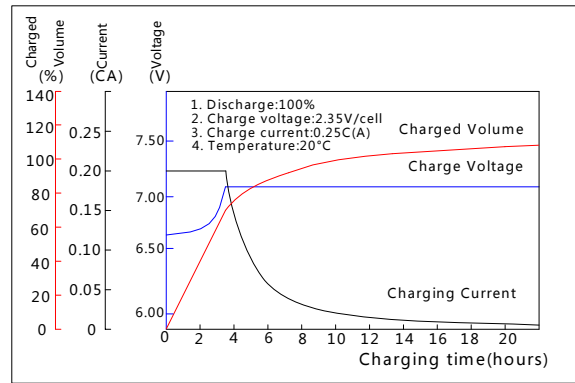
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
4.80V	--	--	24.3	15.1	8.31	6.06	4.86	4.14	2.69	2.27	1.22
4.95V	--	--	23.8	14.8	8.26	6.02	4.83	4.12	2.68	2.26	1.21
5.10V	--	--	23.1	14.5	8.19	5.98	4.80	4.09	2.66	2.25	1.21
5.25V	--	--	22.5	14.2	8.07	5.94	4.76	4.06	2.64	2.23	1.20
5.40V	--	--	21.7	13.7	7.86	5.76	4.62	3.94	2.56	2.19	1.18

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

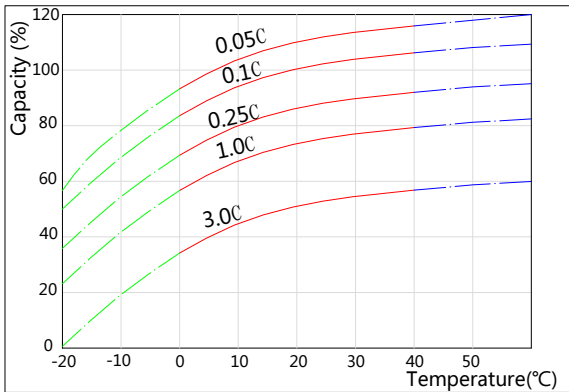
Discharge Characteristics(25°C)



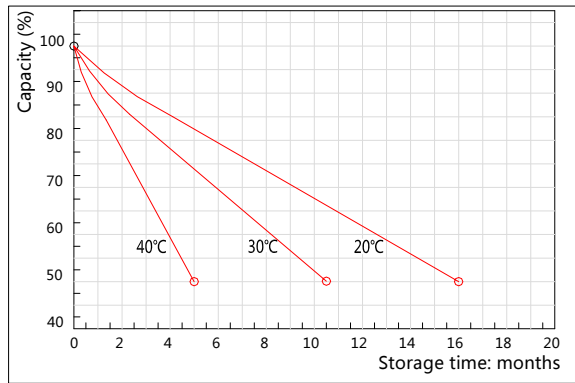
Charging Characteristics(25°C)



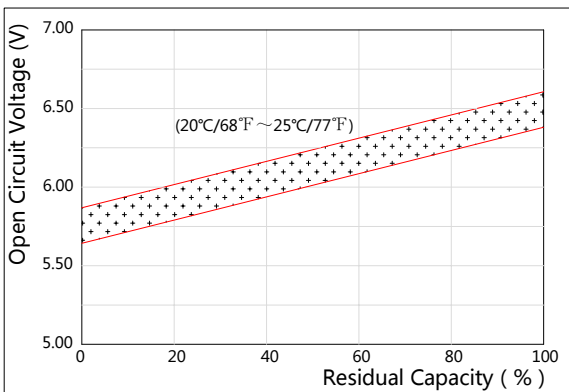
Effect of Temperature on Capacity



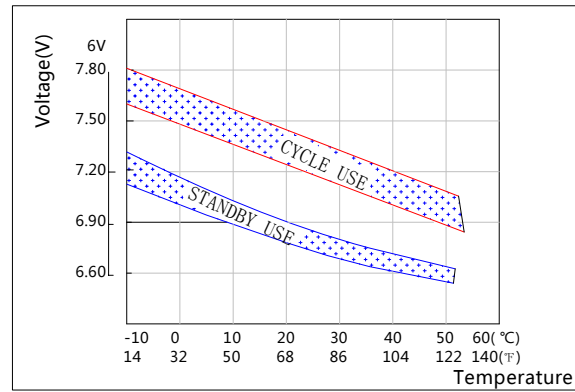
Self-discharge Characteristics



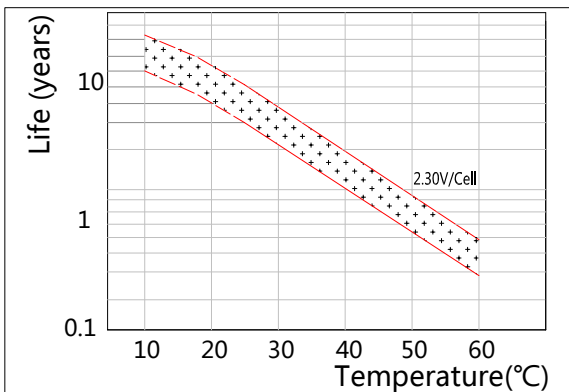
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

