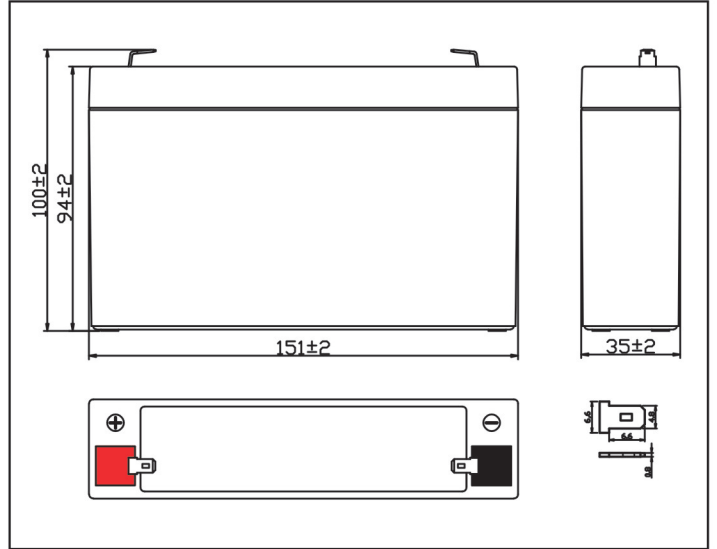


**MODEL: CB670-F1 6V7AH**



**Plane Chart:**

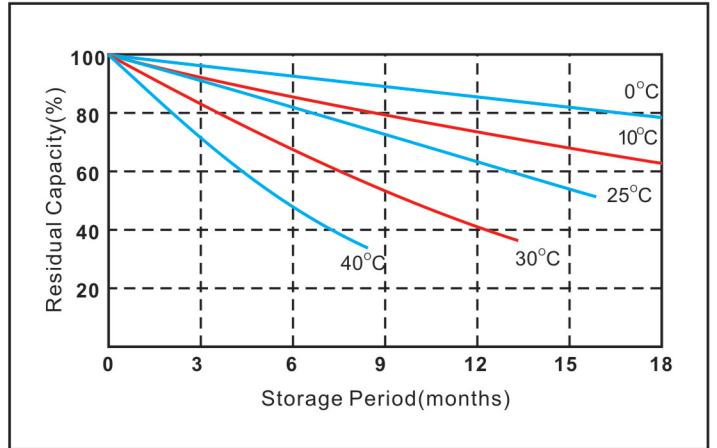
Unit:(mm) Terminal type:(F1)



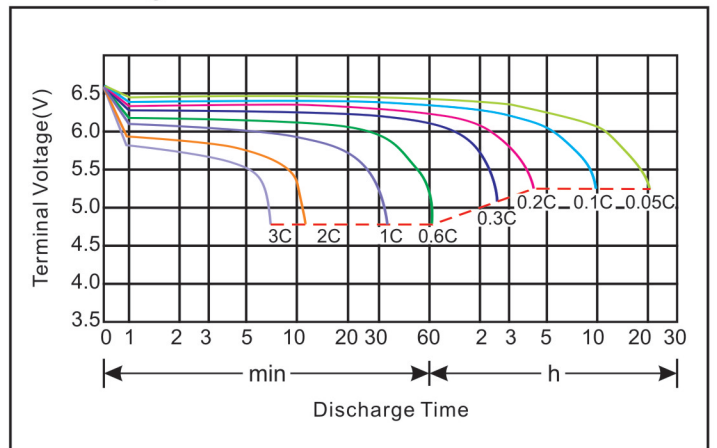
**Parameter Chart:**

Volts		6V	
Capacity(25°C)	20 hours rate (0.35A)	7Ah	
Discharge Current Testing (25°C)	20 I <sub>20</sub> rate (7A,27min)	30min	
	60 I <sub>20</sub> rate (21A,7min)	7min	
Internal Resistance	Full Charged Battery 25°C	15mΩ	
Capacity Affected By Temperature	40°C	104%	
	25°C	100%	
	0°C	83%	
	-15°C	65%	
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%	
	Capacity After 6 Months Storage	82%	
	Capacity After 12 Months Storage	65%	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 2.1A Voltage 7.25~7.45V	
	Float (25°C)	Charge Voltage 6.8~6.9V	
Weight±3%		1.08Kg	

**Residual Capacity**



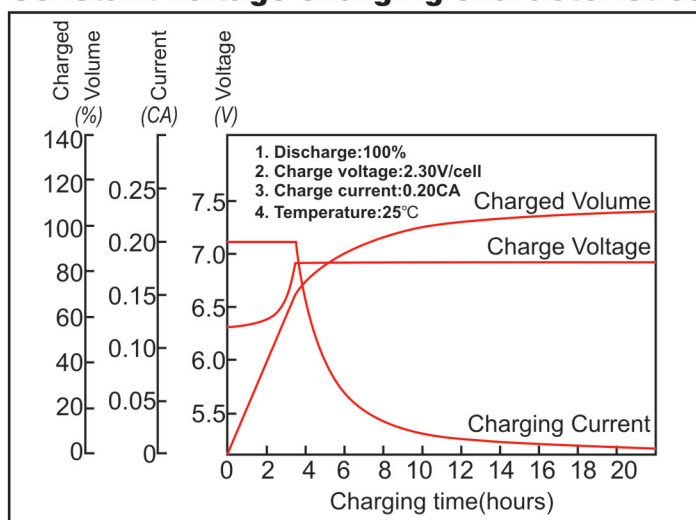
**Discharge Current 25°C**



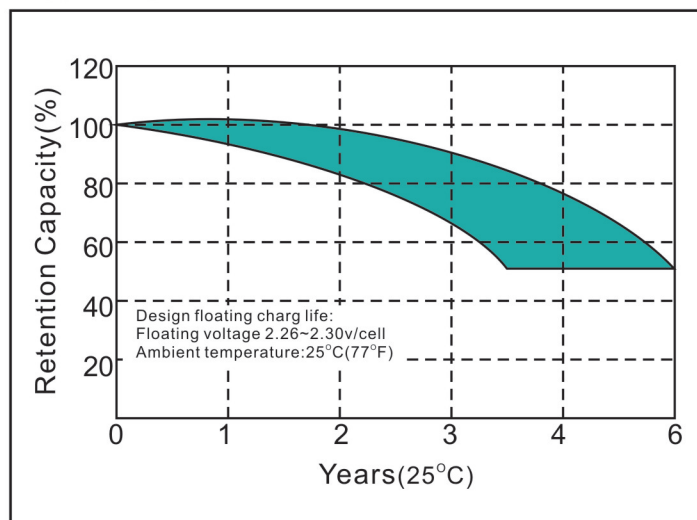
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

**MODEL: CB670-F1 6V7AH**

**Constant voltage charging characteristics**



**Float Life**



**Constant Current Discharge Characteristics (A, 25°C)**

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	24.2	15.2	12.1	9.5	7.15	4.16	2.32	1.78	1.40	1.18	0.770	0.670	0.355
5.01V	22.1	14.4	11.5	9.1	7.00	3.98	2.27	1.76	1.38	1.17	0.762	0.664	0.353
5.10V	21.5	13.9	11.3	9.0	6.92	3.93	2.25	1.75	1.37	1.16	0.758	0.662	0.352
5.25V	19.6	12.5	10.8	8.6	6.75	3.82	2.23	1.73	1.35	1.14	0.749	0.656	0.350
5.40V	18.2	10.8	10.1	8.3	6.48	3.72	2.20	1.70	1.33	1.12	0.740	0.650	0.340

**Constant Current Discharge Characteristics (Watt, 25°C)**

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	129.0	85.0	68.5	54.2	40.9	24.1	13.6	10.5	8.3	7.0	4.56	3.97	2.11
5.01V	118.2	80.6	65.3	51.9	40.1	23.1	13.3	10.4	8.2	6.9	4.51	3.94	2.10
5.10V	115.2	78.1	64.1	51.3	39.7	22.8	13.2	10.3	8.1	6.8	4.49	3.93	2.09
5.25V	106.0	70.3	61.3	49.0	38.8	22.2	13.1	10.2	8.0	6.7	4.43	3.89	2.08
5.40V	100.1	60.9	57.6	47.3	37.3	21.6	12.9	10.0	7.8	6.6	4.38	3.85	2.02

**Capacity Factors With Different Temperature**

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	6V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.