

► **12V7Ah**

CB series uses valve control sealed oxygen composite technology, special corrosion resistant alloy, high strength AGM separator, high purity material to make the battery self-discharge is small, long service life.



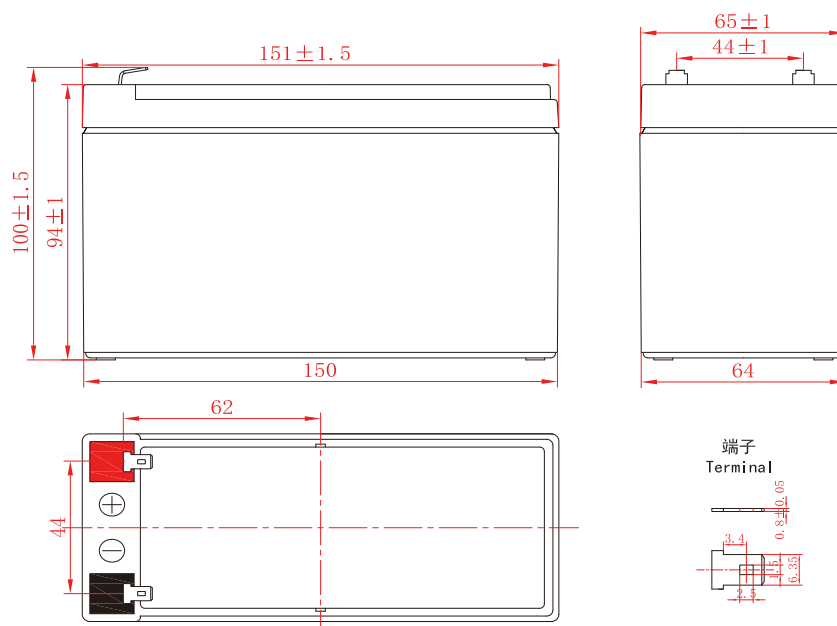
额定电压 Rated Voltage	12
额定容量Nominal Capacity(C20@1.75V@25°C)	7.0Ah
重量Approx Weight	2.20kg ±3%
最大放电电流Max. Discharge Current	105A(5S)
内阻Internal Resistance(25°C)	26.0mΩ
工作温度范围Operating Temp. Range	放电Discharge:-15°C~50°C(5°F~122°F) 充电Charge:-15°C~40°C(5°F~104°F) 储存Storage:-15°C~40°C(5°F~104°F)
推荐工作温度Nominal Operating Temp. Range	25°C±3°C(77°F±5°F)
最大充电电流Max.Charging Current(25°C)	2.1A
浮充电压Float voltage	13.5~13.8V@25°C(77°F)
均充电压Equalizing voltage	14.4~15.0V@25°C(77°F)
端子Terminal	T2
外壳材质Container Material	ABS(UL 94-V0)(UL 94-HB)



IT1548HL06061801



尺寸Dimension :	长Length	宽Width	高Container Height	总高Total Height
单位unit: mm	151±1.5	65±1	94±1	100±1.5



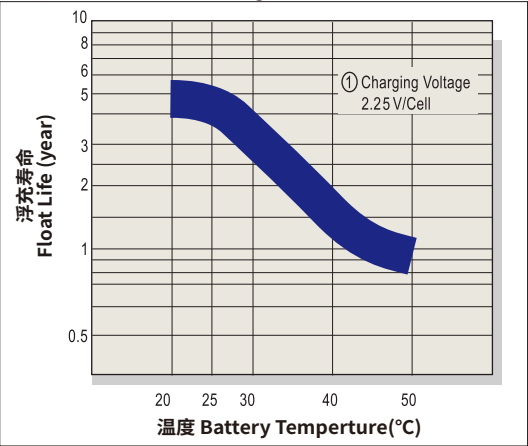
恒流放电表(A)25°C Constant Current Discharge

FV/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	23.0	12.9	7.44	4.28	1.77	1.22	0.667	0.358
1.67V	22.6	12.7	7.38	4.15	1.76	1.28	0.664	0.355
1.70V	21.9	12.3	7.28	4.10	1.74	1.26	0.661	0.353
1.75V	20.8	11.7	7.12	4.02	1.73	1.23	0.654	0.350
1.80V	18.6	10.9	6.83	3.92	1.67	1.18	0.635	0.342
1.85V	14.5	9.15	6.33	3.79	1.55	1.14	0.603	0.330

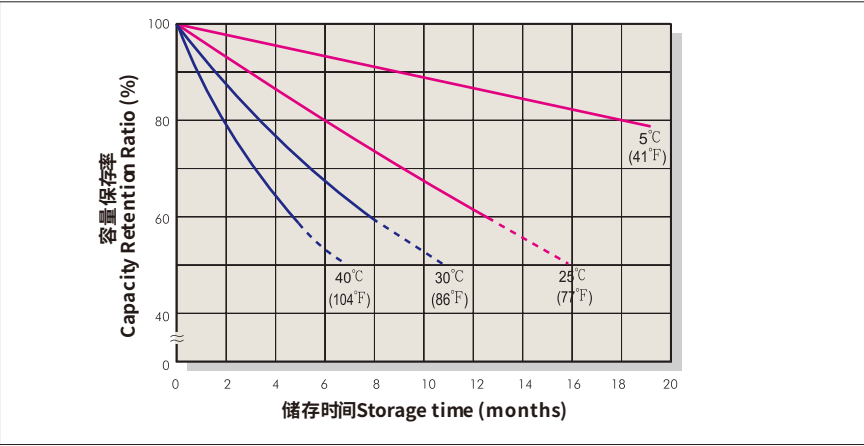
恒功率放电表(W/cell)25°C Constant Power Discharge

FV/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	48.1	30.7	17.7	9.65	4.31	2.87	1.62	0.876
1.67V	45.9	29.1	17.6	9.55	4.29	2.86	1.61	0.872
1.70V	42.8	27.1	17.4	9.44	4.25	2.83	1.61	0.867
1.75V	38.7	24.9	17.1	9.27	4.20	2.78	1.58	0.858
1.80V	33.2	21.9	16.4	8.97	4.07	2.69	1.54	0.840
1.85V	25.8	18.5	15.2	8.36	3.80	2.54	1.48	0.811

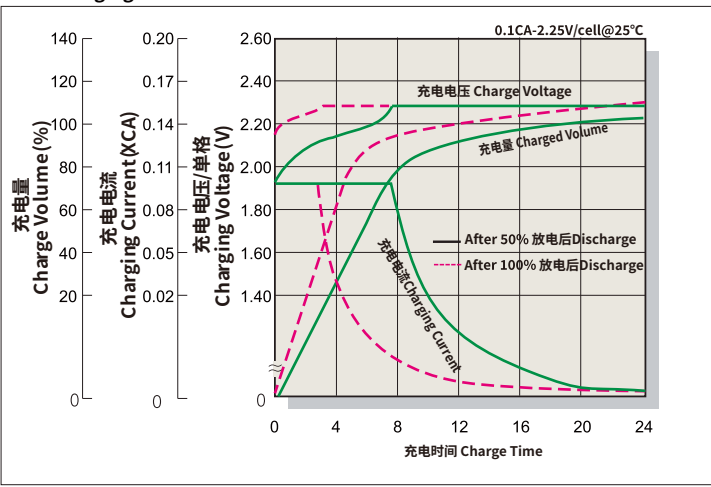
温度对浮充寿命的影响
Temperature Effects on Long Term Float Life



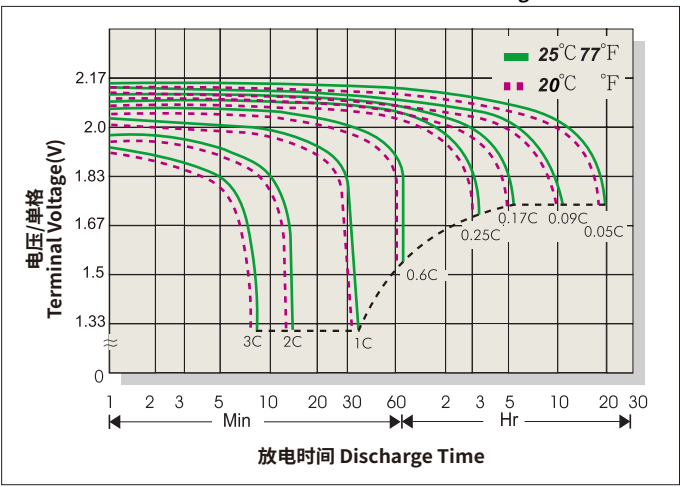
温度对容量的影响
The effect of temperature on capacity



浮充特性曲线
Float Charging Characteristics



放电特性曲线
Discharge Characteristics



温度对容量的影响
The effect of temperature on capacity(20HR)

温度Temperature	容量Capacity(20HR)
40°C	102%
25°C	100%
0°C	85%
-15°C	65%

自放电特性
Self-discharge characteristics

存放时间Storage time	剩余容量The remaining capacity
3月months	91%
6月months	82%
12月months	64%

应用 Applications

- 通讯
Telecommunications
- UPS、数据机房
UPS、Data Rooms
- 紧急照明、安防
Emergency Lighting、Security
- 储能、电力
Energy Storage、Electric Systems
- 新能源系统
New Energy Systems