

CB7-12 ▶ 12V7Ah

CB系列采用阀控密封氧复合技术,特殊的耐腐蚀合金,高强度AGM隔板,高纯度材料使电池自放电小,寿命长。

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.



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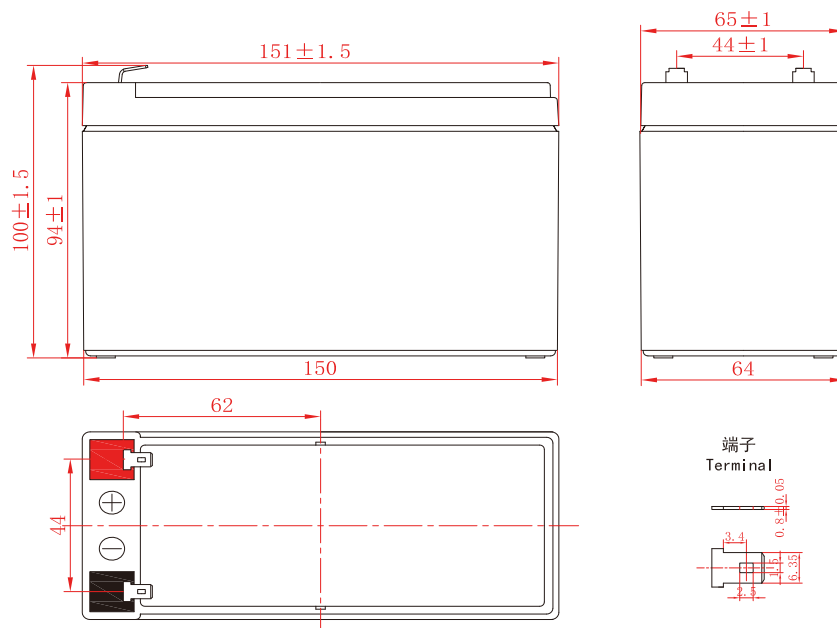
额定电压 Rated Voltage	12
额定容量 Nominal Capacity (C20@1.75V@25°C)	7.0Ah
重量 Approx Weight	2.20kg ±3%
最大放电电流 Max. Discharge Current	105A(5S)
内阻 Internal Resistance (25°C)	26.0mΩ
工作温度范围 Operating Temp. Range	放电 Discharge: -15°C~50°C (5°F~122°F) 充电 Charge: -15°C~40°C (5°F~104°F) 储存 Storage: -15°C~40°C (5°F~104°F)
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

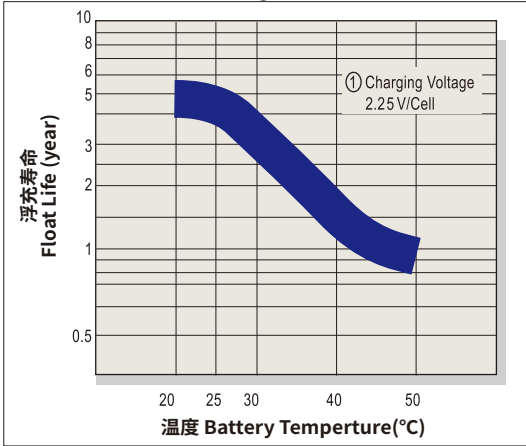
FV/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	23.0	12.9	7.44	4.28	1.77	1.22	0.667	0.358
1.67V	22.6	12.7	7.38	4.15	1.76	1.28	0.664	0.355
1.70V	21.9	12.3	7.28	4.10	1.74	1.26	0.661	0.353
1.75V	20.8	11.7	7.12	4.02	1.73	1.23	0.654	0.350
1.80V	18.6	10.9	6.83	3.92	1.67	1.18	0.635	0.342
1.85V	14.5	9.15	6.33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

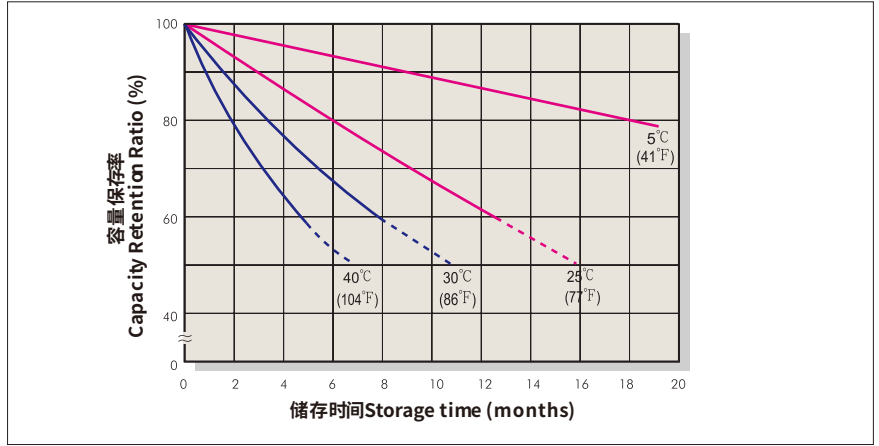
温度对浮充寿命的影响

Temperature Effects on Long Term Float Life



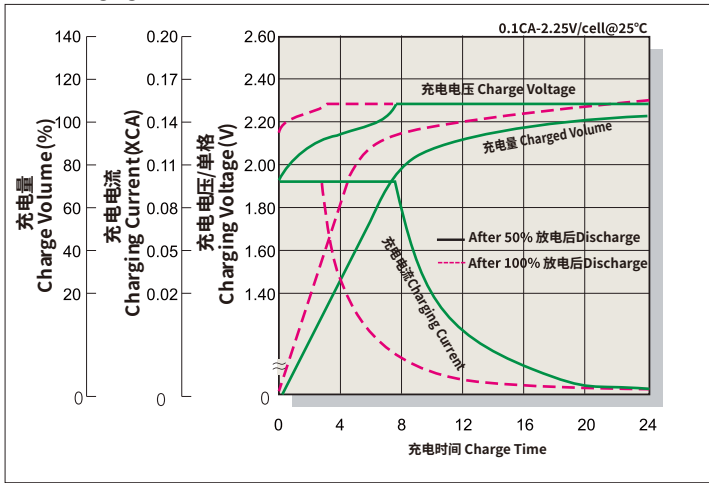
温度对容量的影响

The effect of temperature on capacity



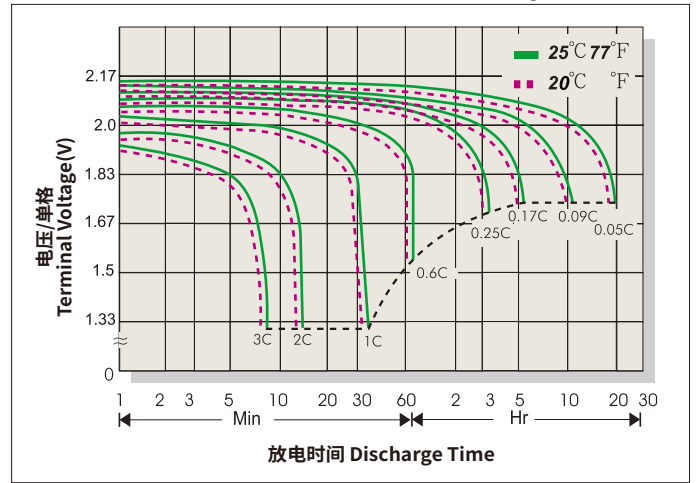
浮充特性曲线

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