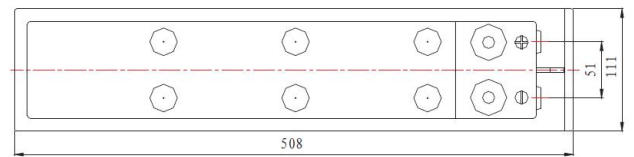
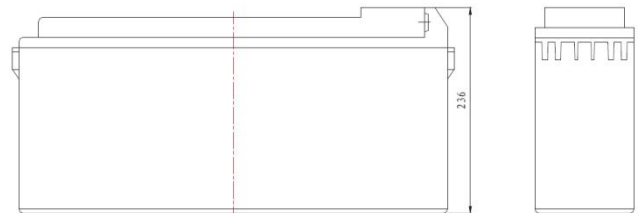


产品特点 Product features

额定电压 Normal voltage		12V
额定容量度 Normal capacity (10 hr)		105Ah
容量 Capacity 25°C(77° F)	10hr (10.5A)	≥105Ah
	3hr (26.25A)	≥78.75Ah
	1hr (57.75A)	≥57.75Ah
内阻 Inner resistance	Full charge 25°C(77°F)	≤8mΩ (因装配不同有变化, 内阻值仅供参考)
循环使用寿命 Cycling Service life	(YD/T 2343-2011) deep discharge	≥800 cycles
浮充使用寿命 Floating charge life	25°C(77°F)Voltage of Floating charge: 13.8V	≥10 years
温度的影响 Temperature works on capacity (10 hr)	40°C (104°F)	≥105%
	25°C (77°F)	≥100%
	0°C (32°F)	≥85%
	-15°C (5°F)	≥70%
荷电保持 Self-discharge 25°C(77°F)	Residual Capacitance (90 days)	≥80%
气体析出量 Amount of gas evolution 25°C(77°F) 大电流耐受能力 maximum discharge current 25°C(77°F)	testing standard YD/T 2343-2011 U _{f10}	≤0.04ml/(Ah·h)
	放电时间 discharge time 3min	≥315A
充电方法 Charge method 25°C(77° F)	循环使用 Cycling	初始电流≤26.25A,恒压 14.4-15.0V Beginning current ≤26.25A, Isobarically 14.4-15.0V
	浮充使用 Floating charge	恒压 13.5-13.8V Isobarically 13.5-13.8V

前置端子阀控式胶体蓄电池

Front terminal valve-regulated colloid battery



包装尺寸 Package dimension

电池尺寸 dimension (L*W*H*TH)	mm±1	550*106*316*316
	inch	20*4.64*9.33*9.29
外包装尺寸 Box dimension (L*W*H)	mm	560*120*320
	inch	20.35*4.72*11.02
每箱电池数 PCS/ Carton		1
单个净重 Net weight		33.9kg±5%

材料 Product material

成份 Component	正极板 Anode plate	负极板 Cathode plate	外壳 crust	阀门 valve
材料 Material	铅化合物 Lead dioxide	铅 lead	ABS	橡胶 rubber
成份 Component	端子 terminal	隔板 separator	电解液 electrolyte	---
材料 Material	铜合金 Cu-alloy	玻璃纤维 AGM	胶体-硫酸 Gel-sulfuric acid	---

以上各项参数仅供参考, 如有更改不另行通知。

恒流放电特性 Constant Current Discharge Characteristics : A(25°C)

电压/时间	15min	30min	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	181.1	105.5	65.54	40.46	27.50	22.17	18.41	12.12	10.93	5.78
10.0V	177.4	104.1	64.67	39.65	26.99	21.86	18.24	12.08	10.82	5.68
10.2V	173.6	102.6	64.05	39.23	26.75	21.64	18.12	11.97	10.71	5.57
10.5V	165.3	99.7	63.27	38.72	26.51	21.32	17.97	11.86	10.61	5.46
10.8V	152.4	96.4	62.39	38.40	26.20	20.59	17.88	11.81	10.51	5.40
11.1V	136.7	92.8	60.91	36.85	25.69	20.29	17.75	11.72	10.39	5.19

恒功率放电特性 Constant Power Discharge Characteristics : W(25°C)

电压/时间	15min	30min	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	1967	1208	759.5	474.2	323.7	265.4	220.5	145.2	131.0	69.68
10.0V	1939	1195	752.6	468.4	318.9	261.7	218.5	144.6	130.0	68.47
10.2V	1917	1185	748.1	465.0	317.5	259.2	217.2	143.5	128.8	67.20
10.5V	1831	1161	743.3	459.2	314.9	255.7	215.5	142.3	127.6	65.93
10.8V	1709	1133	733.8	455.8	311.4	247.1	214.5	141.7	126.3	65.29
11.1V	1556	1102	722.8	438.7	306.2	243.5	213.7	140.7	124.9	62.96

图-1 浮充使用充电特性曲线

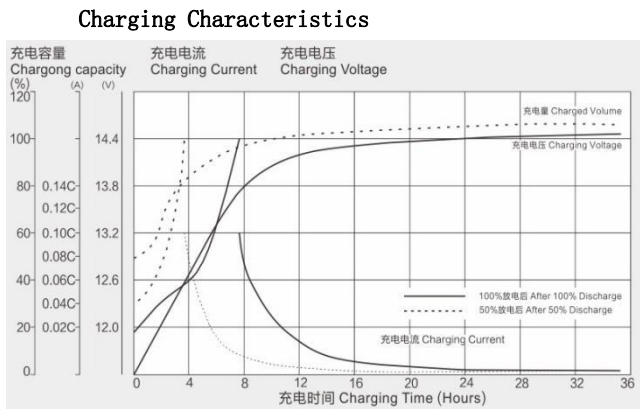


图-3 温度寿命特性

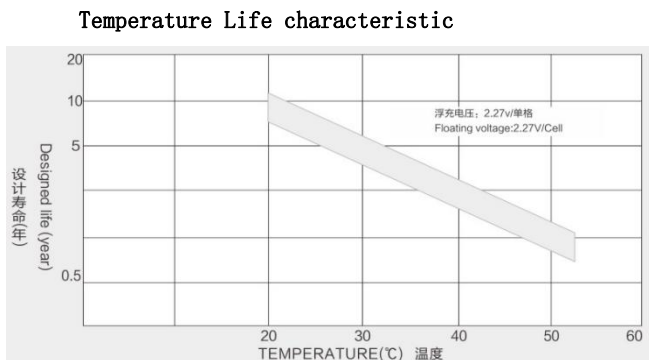


图-5 放电深度对循环使用寿命的影响

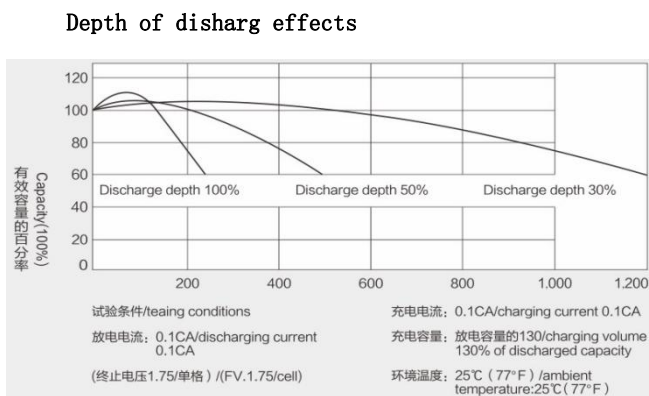


图-2 放电特性曲线

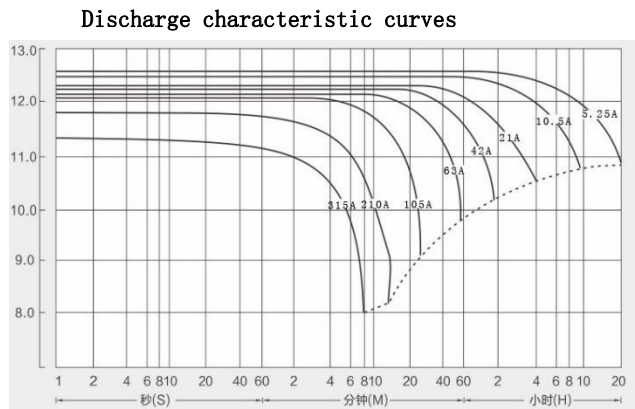


图-4 自放电特性及补充电方法

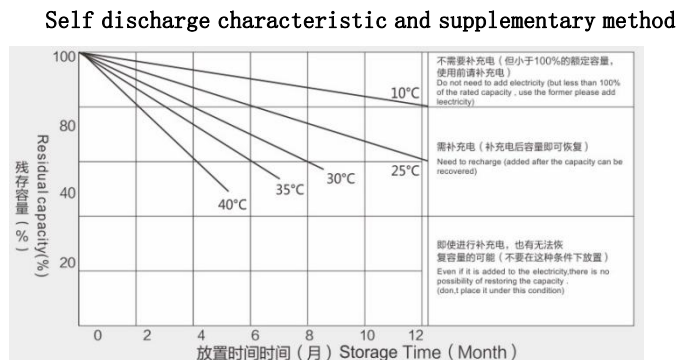


图-6 循环寿命

