

JYHY223000G(2V2300AH) is GEL battery which is manufactured with colloidal Silicon and sulfuric acid .It's featured with low self-discharge ,strong ability to recover from deep discharging, good low temperature properties

JYHY223000G(2V2300AH)胶体电池采用纳米级的二氧化硅硫酸胶体技术制造,具有自放电小,过放电恢复能力强,低温性能好的特点

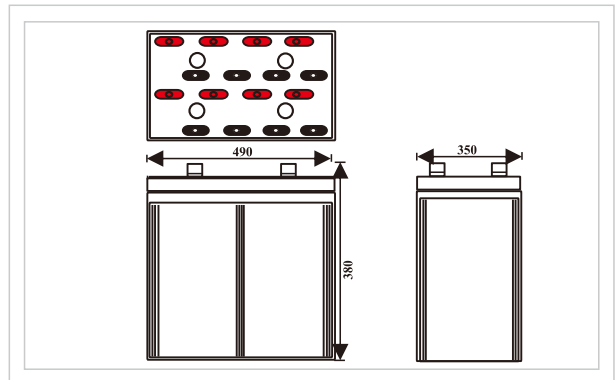
Performance Characteristics 基本特性

Nominal Voltage标准电压		2V
Number of cell 单格数		1
Capacity (25℃) 容量	100HR (27.6A、1.85V)	2760Ah
	20HR (121.9A、1.8V)	2438Ah
	10HR (230A、1.8V)	2300Ah
	1HR (1352.4A、1.6V)	1352.4Ah
Approx. Weight 重量		136kg (299.82lbs) ±3%
Internal resistance 内阻 (Fully charged, 25℃)		Approx. 0.05mΩ
Capacity affected by temperature (10HR) 不同温度下的 10小时率容量	40℃	102%
	25℃	100%
	0℃	85%
	-15℃	65%
The self-discharge rate is less than 3% monthly at average 25℃. For higher temperature, the time interval will be shorter. 在常温25℃度的情况下,自放电率小于3%(每月), 储存温度越高,则存放时间会相应缩短		
Nominal operating temperature 标准使用温度		25℃ ± 3℃ (77°F ± 5°F)
Operating temperature range 使用温度范围	Discharge 放电温度: -15℃~50℃ (5°F~122°F)	
	Charge 充电温度: -10℃~50℃ (14°F~122°F)	
	Storage 储存温度: -20℃~50℃ (-4°F~122°F)	
Charge (Constant Voltage) 充电电流/电压	Float 浮充使用:2.23~2.28V/77° F/(25℃)	
	Cycle 循环使用:2.38~2.42V/77° F/(25℃) Max Current 最大电流:460A	
Discharging current 77° F/(25℃):9200A (5S) 放电电流(25℃):9200A (5秒)		
Designed floating life(20℃) 设计浮充使用寿命		15~18 years

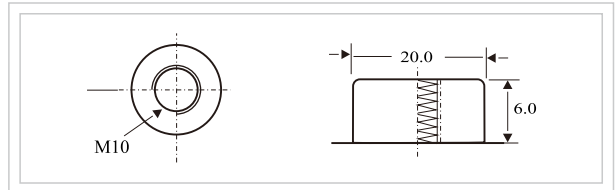
Certificate认证



Outer dimension(mm)电池尺寸



Terminal dimension(mm)端子尺寸



Battery Construtiion 电池结构

Terminal material 端子	Copper 铜
Positive plate 正极板	Lead dioxide 二氧化铅
Negative plate 负极板	Lead 铅
Container 胶壳	ABS
Cover 胶盖	
Safety valve 安全阀	Rubber 橡胶
Separator 隔板	Fiberglass/PE 玻璃纤维/PE
Electrolyte 电解质	Colloidal silicon 硅溶胶

Constant Current (Amp) and Constant Power (Watt) Discharge Table at 25℃ (77° F) 恒流放电与恒功率放电表

F.V 终止电压	Time时间	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h	24h
		恒流(A)	恒功率(W)	恒流(A)	恒功率(W)	恒流(A)	恒功率(W)	恒流(A)	恒功率(W)	恒流(A)	恒功率(W)	恒流(A)
1.60V	恒流(A)	2070	1380	840	598	481	419	359	281	235	123	106
	恒功率(W)	3871	2622	1622	1173	943	823	706	561	467	246	214
1.65V	恒流(A)	2029	1359	835	596	478	414	357	281	235	123	106
	恒功率(W)	3793	2583	1612	1166	936	819	704	557	465	246	214
1.70V	恒流(A)	1967	1325	828	591	474	412	354	278	232	122	106
	恒功率(W)	3678	2516	1599	1157	932	812	699	552	465	244	213
1.75V	恒流(A)	1918	1300	817	587	472	409	352	276	232	122	105
	恒功率(W)	3588	2468	1573	1150	925	807	692	550	460	244	212
1.80V	恒流(A)	1849	1258	796	568	458	398	340	267	230	121	105
	恒功率(W)	3457	2392	1534	1116	897	782	672	534	458	242	210

