

JYHY218000G(2V1800AH) 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

JYHY218000G(2V1800AH)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

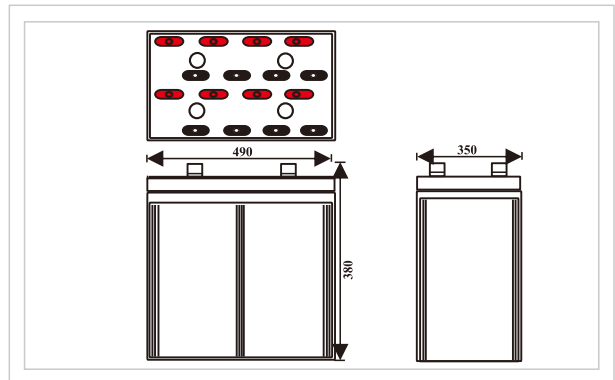
Performance Characteristics 基本特性

Nominal Voltage标准电压		2V
Number of cell 单格数		1
Capacity (25℃) 容量	100HR (21.6A、1.85V)	2160Ah
	20HR (95.4A、1.8V)	1908Ah
	10HR (180A、1.8V)	1800Ah
	1HR (1058.4A、1.6V)	1058.4Ah
Approx. Weight 重量		105kg (231.48lbs) ±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: 360A	
Discharging current 77° F/(25℃): 7200A (5S) 放电电流(25℃): 7200A (5秒)		
Designed floating life (20℃) 设计浮充使用寿命	15~18 years	

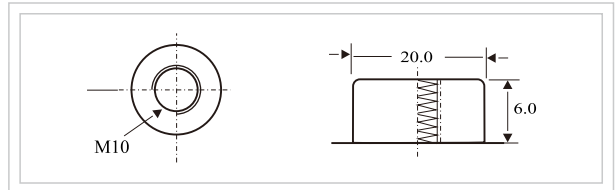
Certificate 认证



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	
		1.60V	恒流(A)	1620	1080	657	468	376	328	281	220	184	96
	恒功率(W)	3029	2052	1269	918	738	644	553	439	365	193	168	
	1.65V	恒流(A)	1588	1064	653	466	374	324	279	220	184	96	83
	恒功率(W)	2968	2021	1262	913	733	641	551	436	364	193	167	
	1.70V	恒流(A)	1539	1037	648	463	371	322	277	218	182	96	83
	恒功率(W)	2878	1969	1251	905	729	635	547	432	364	191	167	
	1.75V	恒流(A)	1501	1017	639	459	369	320	275	216	182	95	82
	恒功率(W)	2808	1931	1231	900	724	632	542	430	360	191	166	
	1.80V	恒流(A)	1447	985	623	445	358	311	266	209	180	95	82
	恒功率(W)	2705	1872	1201	873	702	612	526	418	358	189	165	

