

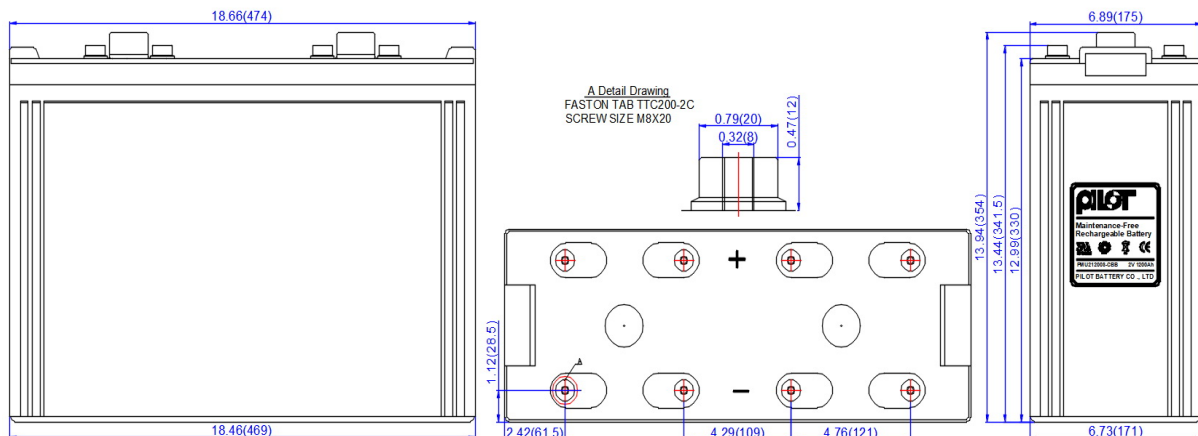
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1200AH/10HR/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	474±1mm(18.66in)
	寬度 Width	175±1mm(6.89in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	365±1mm(14.37in)
重量 Weight	64.5kg(141.9Pounds)	
電槽材質 Container Material	ABS, UL 94V-0 or UL 94-HB 抗酸、抗油、防震 Resist acid, resist oil, resist vibration	抗氧氣指數 Index of oxygen L.O.I>28%
電解液型式 Type of electrolyte	AGM 不外漏 Non-spillable	

特性 Properties

容量 Capacity 25°C(77°F)	10 小時率 10HR of	120A to 1.80V	1200AH
	5 小時率 5HR of	204A to 1.80V	1020AH
	1 小時率 1HR of	636A to 1.80V	636AH
	0.5 小時率 0.5HR of	936A to 1.80V	468AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.0.40mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(10HR to 1260AH)
	25°C(77°F)		100%(10HR to 1200AH)
	0°C(32°F)		85%(10HR to 1020AH)
	-20°C(-4°F)		60%(10HR to 720AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			5400.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)	
	電流 Current	360.0A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)	
	電流 Current	300.0A(0.25CA)	
操作溫度 Operation Temperature Range	充電 Charge/放置 Storage: -15~50°C(5~122°F), 放電 Discharge: -20~50°C(-4~122°F)		
期待壽命 Expected Life	25°C(77°F) 12~15 years		
性能特點 Performance characteristics	<p>擁有超級電容瞬間大容量充電的優點，也發揮了鉛酸電池的比能量優勢，且非常好的充電性能，優異的低溫啟動能力，更長的循環壽命。</p> <p>Has the advantages of instantaneous supercapacitor charging capacity, but also play a lead-acid batteries than the energy advantages, and very good charging performance, excellent low temperature start-up ability, longer cycle life.</p>		

尺寸 Dimension: inch (mm)



Performance specification Amperes and watts per battery at 25°C (77°F)

F.V.	Time Item	Minutes				Hours						
		30	35	40	45	1	2	3	4	5	8	10
1.60	A	1290	1176	1080	960	777.6	460.8	343.2	273.6	229.2	162.0	133.2
	W	2301	2146	1980	1767	1451	880	656	524	440	313	258
1.65	A	1228	1104	1008	912	757.2	444.0	328.8	264.0	226.8	158.4	130.8
	W	2244	2029	1862	1692	1423	850	632	510	439	306	254
1.70	A	1194	1056	972	888	729.6	436.8	321.6	261.6	223.2	153.6	127.2
	W	2197	1950	1815	1676	1377	836	619	504	431	299	248
1.75	A	1034	1008	912	840	672.0	422.4	318.0	256.8	216.0	150.0	124.8
	W	1922	1885	1709	1578	1274	809	615	499	379	293	245
1.80	A	936	900	864	780	636.0	393.6	300.0	244.8	204.0	144.0	120.0
	W	1744	1684	1624	1472	1212	760	582	475	395	282	236
1.83	A	840	780	720	660	585.6	372.0	278.4	225.6	189.6	132.0	112.8
	W	1597	1489	1385	1281	1126	726	544	442	372	259	224

用途 Application

- ☆廣播電視系統
Broadcast television systems
- ☆電信和 UPS 系統
Telecom and UPS systems
- ☆通信系統
Communication back-up systems
- ☆太陽能儲備系統
Solar storage power systems, wind power systems
- ☆電力系統
Power systems
- ☆緊急照明
Emergency lighting

密閉結構 Seal construction

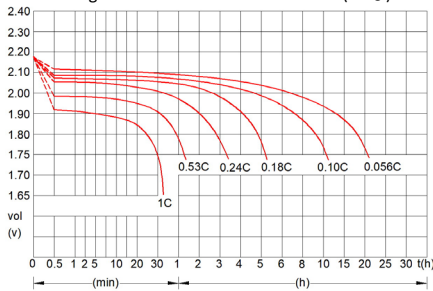
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted Antimony-Lead alloy or copper alloy covered with Lead material.

穩定性 Stabilities

- ☆正負極板是鉛銀合金
Positive and negative plates are lead silver alloy.
- ☆塑殼是防火 ABS 或等級是 UL 94V-0 L.O.I.>28%
- The plastic material is fire-resistance ABS or same grade of UL 94V-0 L.O.I. >28%
- ☆組立用螺絲採用 M8 螺絲，扭力從 10N-m 至 12N-m(最大)採用不銹鋼材質，堅固耐用。Assembling screws using M8 screws, torque from 10N-m to 12N-m (maximum) made of stainless steel, durable.

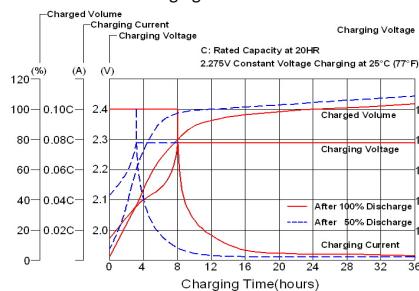
放電特性(25°C)

Discharge characteristic at different rates(25°C)



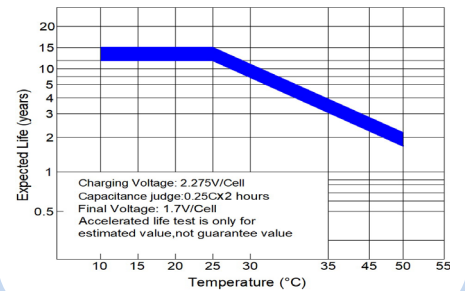
定電壓充電(25°C)

Charging Characteristics



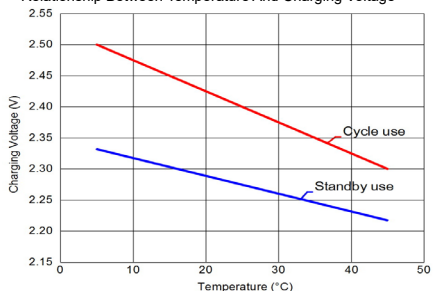
壽命與溫度關係

Accelerated Life Characteristic



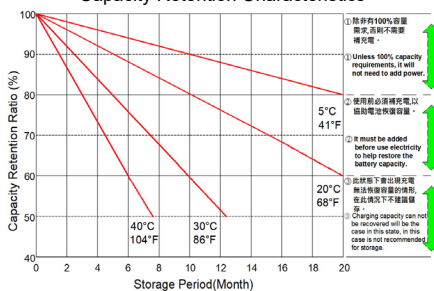
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

