

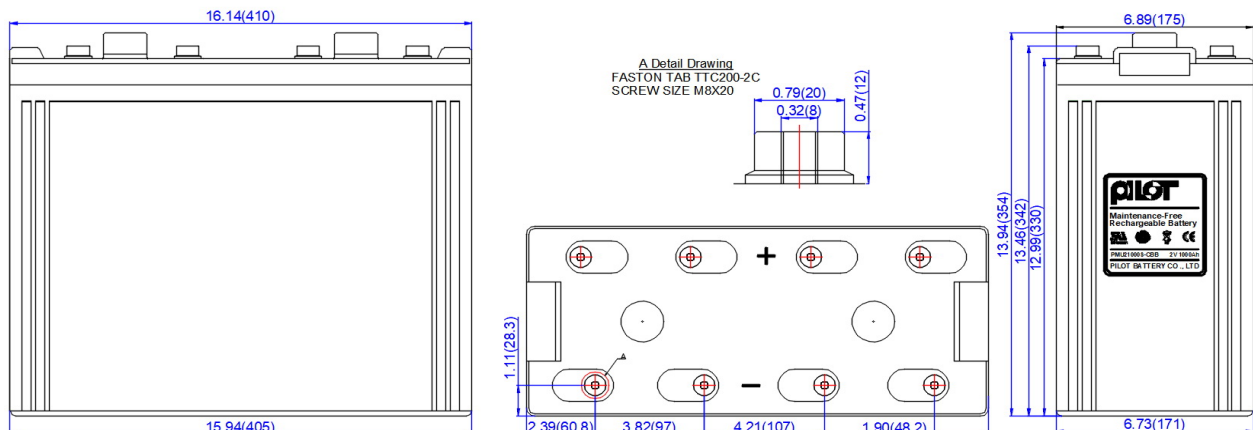
### 規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1000AH/10HR/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	410±1mm(16.14in)
	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	57.3kg(126.1Pounds)	
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	100A to 1.80V	1000AH
	5 小時率 5HR of	170A to 1.80V	850AH
	1 小時率 1HR of	530A to 1.80V	530AH
	0.5 小時率 0.5HR of	780A to 1.80V	390AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C (77°F)		大約 Approx. 0.42mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C (104°F)		105%(10HR to 1050AH)
	25°C (77°F)		100%(10HR to 1000AH)
	0°C (32°F)		85%(10HR to 850AH)
	-20°C (-4°F)		60%(10HR to 600AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			4500.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C (77°F)	
	電流 Current	300.0A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C (77°F)	
	電流 Current	250.0A(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	1075	980	900	800	648.0	384.0	286.0	228.0	191.0	135.0	111.0
	W	1918	1789	1650	1473	1209	733	547	437	367	261	215
1.65	A	1023	920	840	760	631.0	370.0	274.0	220.0	189.0	132.0	109.0
	W	1870	1691	1552	1410	1186	708	527	425	366	255	212
1.70	A	995	880	810	740	608.0	364.0	268.0	218.0	186.0	128.0	106.0
	W	1831	1625	1512	1396	1147	697	516	420	359	249	207
1.75	A	862	840	760	700	560.0	352.0	265.0	214.0	180.0	125.0	104.0
	W	1602	1571	1425	1315	1061	674	512	416	316	244	204
1.80	A	780	750	720	650	530.0	328.0	250.0	204.0	170.0	120.0	100.0
	W	1454	1403	1353	1227	1010	633	485	396	330	235	197
1.83	A	700	650	600	550	488.0	310.0	232.0	188.0	158.0	110.0	94.0
	W	1331	1241	1155	1067	938	605	453	368	310	216	187

### 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

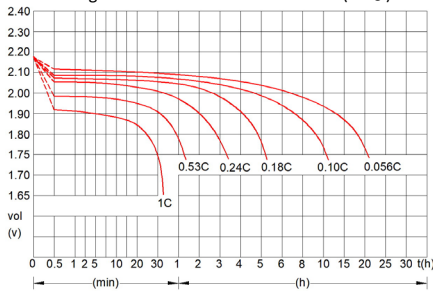
- ☆沒有漏酸的危險，氣體釋放率超底，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質  
The polarities adopted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

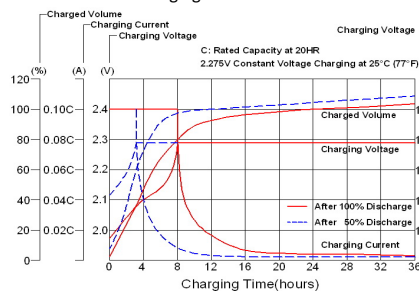
### 放電特性(25°C)

Discharge characteristic at different rates(25°C)



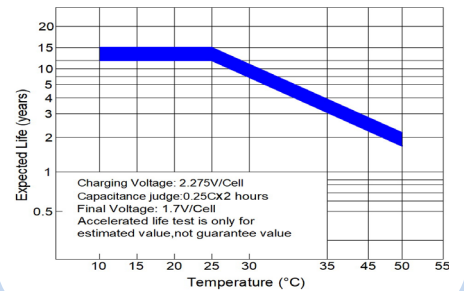
### 定電壓充電(25°C)

Charging Characteristics



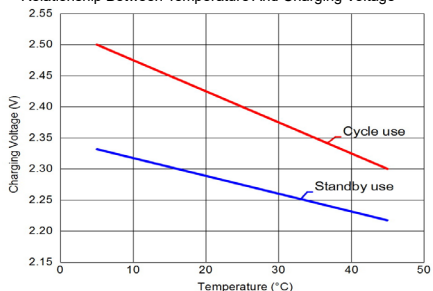
### 壽命與溫度關係

Accelerated Life Characteristic



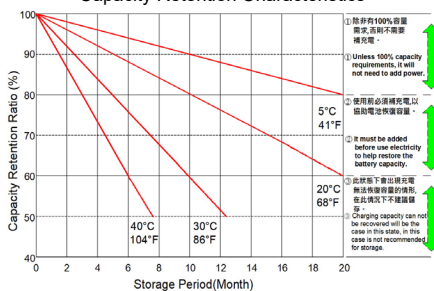
### 溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



### 容量保持特性

Capacity Retention Characteristics



### 壽命循環關係

Cycle Service Life

