

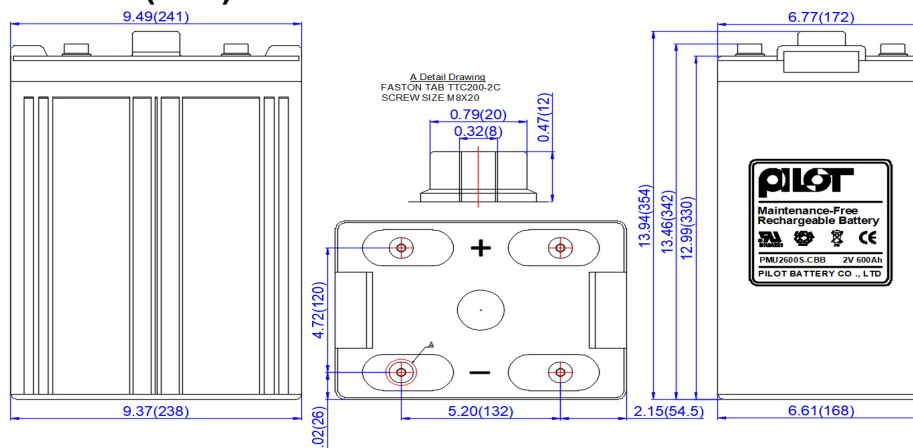
### 規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	600AH/10Hr/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	241±1mm(9.49in)
	寬度 Width	172±1mm(6.77in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	366±1mm(14.40in)
重量 Weight	32.4kg(71.28Pounds)	
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	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	60.0A to 1.80V	600.0AH
	5 小時率 5HR of	102.0A to 1.80V	510.0AH
	1 小時率 1HR of	318.0A to 1.80V	318.0AH
	0.5 小時率 0.5HR of	468.0A to 1.80V	234.0AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C (77°F)		大約 Approx. 0.46mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C (104°F)		105%(10HR to 630AH)
	25°C (77°F)		100%(10HR to 600AH)
	0°C (32°F)		85%(10HR to 510AH)
	-20°C (-4°F)		60%(10HR to 360AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			2700.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C (77°F)	
	電流 Current	180.0A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C (77°F)	
	電流 Current	150.0A(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	645	588	540	480	388.8	230.4	171.6	136.8	114.6	81.0	66.6
	W	1151	1073	990	884	725	440	328	262	220	157	129
1.65	A	614	552	504	456	378.6	222.0	164.4	132.0	113.4	79.2	65.4
	W	1122	1015	931	846	711	425	316	255	220	153	127
1.70	A	597	528	486	444	364.8	218.4	160.8	130.8	111.6	76.8	63.6
	W	1099	975	907	838	688	418	310	252	216	149	124
1.75	A	517	504	456	420	336.0	211.2	159.0	128.4	108.0	75.0	62.4
	W	961	943	855	789	637	404	307	249	190	146	122
1.80	A	468	450	432	390	318.0	196.8	150.0	122.4	102.0	72.0	60.0
	W	872	842	812	736	606	380	291	238	198	141	118
1.83	A	420	390	360	330	292.8	186.0	139.2	112.8	94.8	66.0	56.4
	W	798	744	693	640	563	363	272	221	186	129	112

### 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

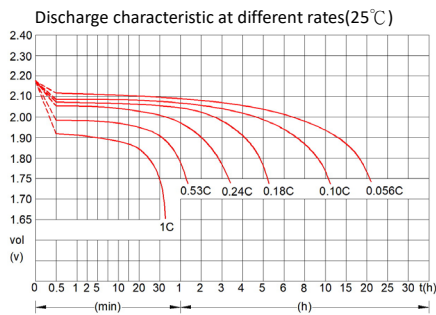
### 密封結構 Seal construction

- ☆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.

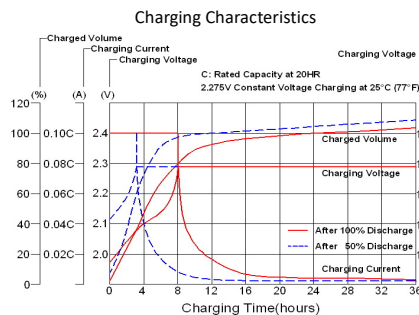
### 穩定性 Stabilities

- ☆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.

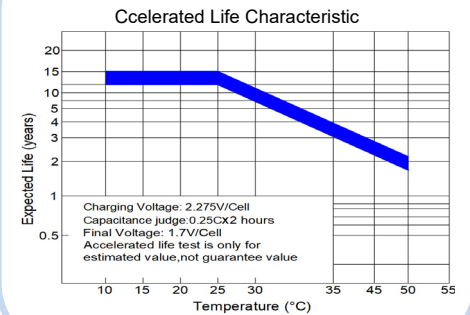
### 放電特性(25°C)



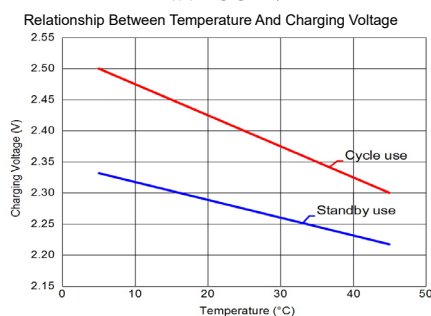
### 定電壓充電(25°C)



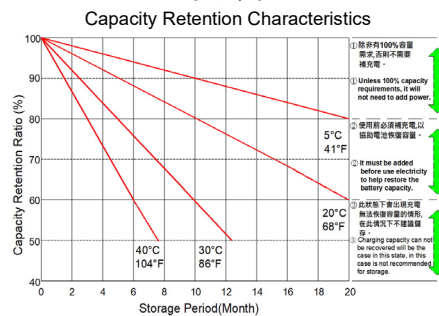
### 壽命與溫度關係



### 溫度與充電電壓關係



### 容量保持特性



### 壽命循環關係

