

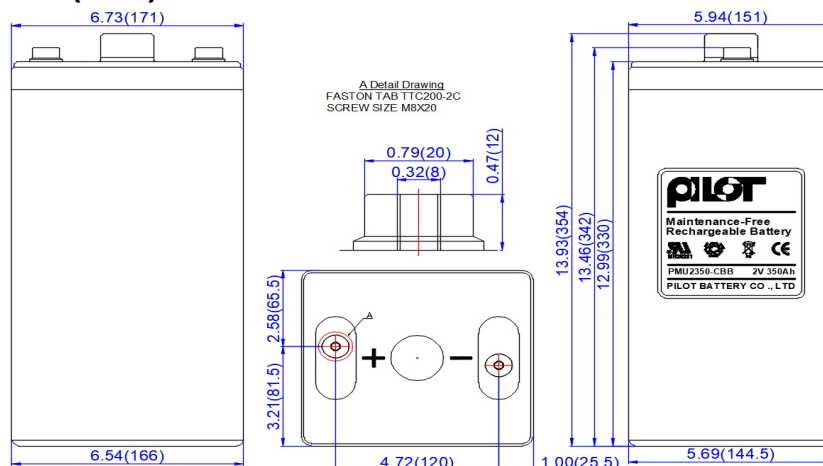
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	350AH/10Hr/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	171±1mm(6.73in)
	寬度 Width	151±1mm(5.94in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	365±1mm(14.37in)
重量 Weight	19.6kg(43.12Pounds)	
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	35.0A to 1.80V	350.0AH
	5 小時率 5HR of	60.0A to 1.80V	300.0AH
	1 小時率 1HR of	186.0A to 1.80V	186.0AH
	0.5 小時率 0.5HR of	273.0A to 1.80V	136.5AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.0.53mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(10HR to 367AH)
	25°C(77°F)		100%(10HR to 350AH)
	0°C(32°F)		85%(10HR to 298AH)
	-20°C(-4°F)		60%(10HR to 210AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			1575.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)	
	電流 Current	105.00A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)	
	電流 Current	87.50A(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	376	343	315	280	226.8	134.4	100.1	79.8	66.9	47.3	38.9
	W	671	626	577	516	423	257	191	153	128	91	75
1.65	A	358	322	294	266	220.9	129.5	95.9	77.0	66.2	46.2	38.2
	W	655	592	543	494	415	248	184	149	128	89	74
1.70	A	348	308	284	259	212.8	127.4	93.8	76.3	65.1	44.8	37.1
	W	641	569	529	489	402	244	181	147	126	87	72
1.75	A	302	294	266	245	196.0	123.2	92.8	74.9	63.0	43.8	36.4
	W	561	550	499	460	371	236	179	145	111	85	71
1.80	A	273	263	252	228	185.5	114.8	87.5	71.4	59.5	42.0	35.0
	W	509	491	474	429	354	222	170	139	115	82	69
1.83	A	245	228	210	193	170.8	108.5	81.2	65.8	55.3	38.5	32.9
	W	466	434	404	374	328	212	159	129	109	76	65

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

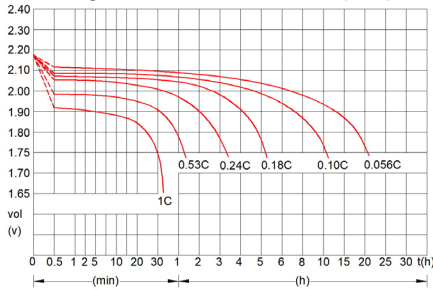
- ☆沒有漏酸的危險，氣體釋放率超底，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

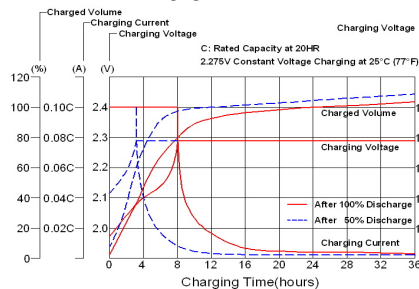
放電特性(25°C)

Discharge characteristic at different rates(25°C)



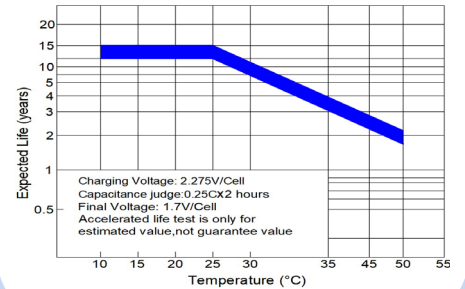
定電壓充電(25°C)

Charging Characteristics



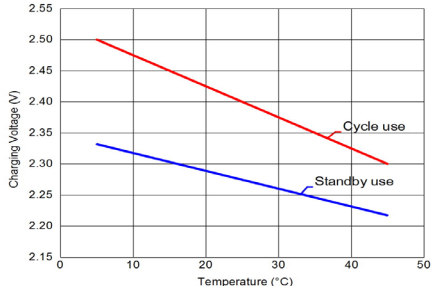
壽命與溫度關係

Accelerated Life Characteristic



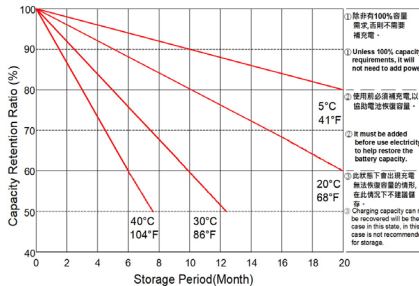
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

