

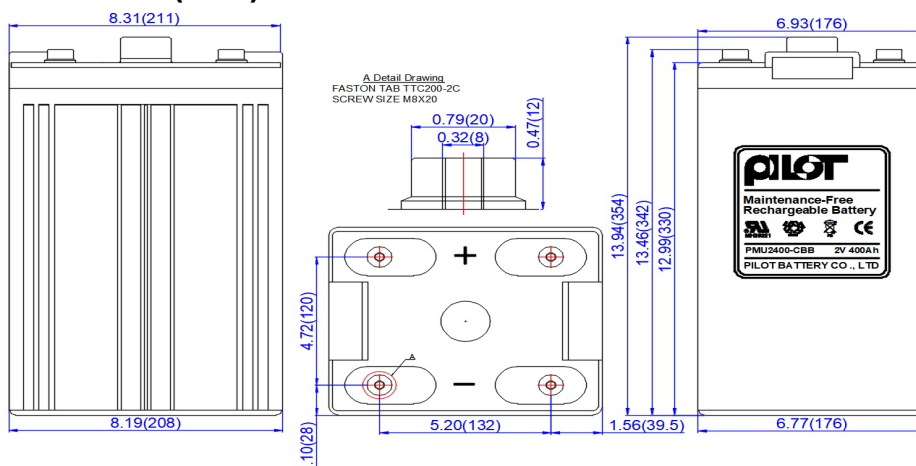
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	400AH/10Hr/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	211±1mm(8.31in)
	寬度 Width	176±1mm(6.93in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	367±1mm(14.45in)
重量 Weight	26.3kg(57.86Pounds)	
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	40.0A to 1.80V	400AH
	5 小時率 5HR of	68.0A to 1.80V	340AH
	1 小時率 1HR of	212.0A to 1.80V	212AH
	0.5 小時率 0.5HR of	312.0A to 1.80V	156AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.0.50mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(10HR to 420AH)
	25°C(77°F)		100%(10HR to 400AH)
	0°C(32°F)		85%(10HR to 340AH)
	-20°C(-4°F)		60%(10HR to 240AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			1800.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)	
	電流 Current	120.0A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)	
	電流 Current	100.0A(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						
		15	30	35	40	45	1	2	3	4	5	8	10
1.60	A	569	430	392	360	320	259.2	153.6	114.4	91.2	76.4	54.0	44.4
	W	933	767	715	660	589	484	293	219	175	147	104	86
1.65	A	519	409	368	336	304	252.4	148.0	109.6	88.0	75.6	52.8	43.6
	W	854	748	676	621	564	474	283	211	170	146	102	85
1.70	A	482	398	352	324	296	243.2	145.6	107.2	87.2	74.4	51.2	42.4
	W	813	732	650	605	559	459	279	206	168	144	100	83
1.75	A	421	345	336	304	280	224.0	140.8	106.0	85.6	72.0	50.0	41.6
	W	737	641	628	570	526	425	270	205	166	126	98	82
1.80	A	370	312	300	288	260	212.0	131.2	100.0	81.6	68.0	48.0	40.0
	W	703	581	561	541	491	404	253	194	158	132	94	79
1.83	A	318	280	260	240	220	195.2	124.0	92.8	75.2	63.2	44.0	37.6
	W	572	532	496	462	427	375	242	181	147	124	86	75

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

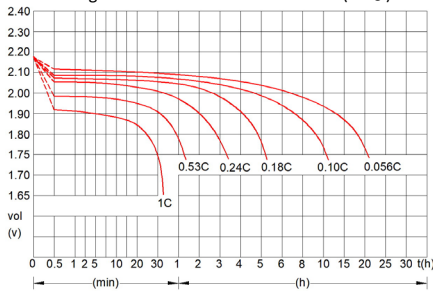
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

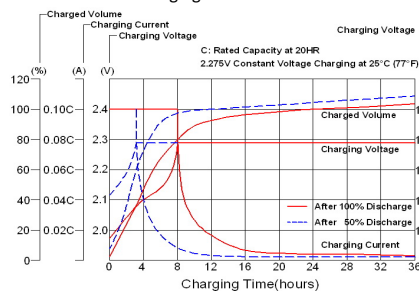
放電特性(25°C)

Discharge characteristic at different rates(25°C)



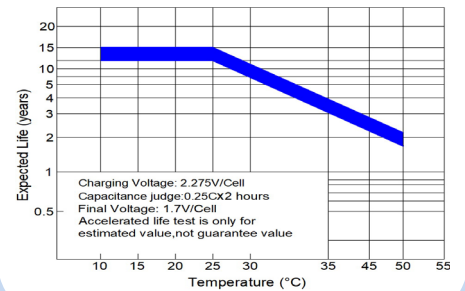
定電壓充電(25°C)

Charging Characteristics



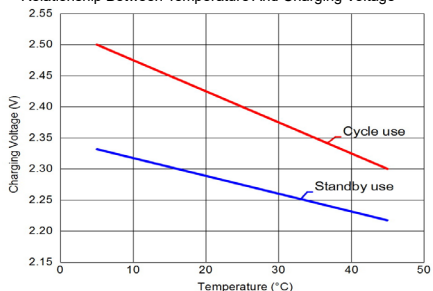
壽命與溫度關係

Accelerated Life Characteristic



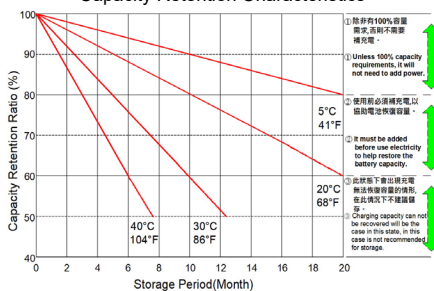
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

