

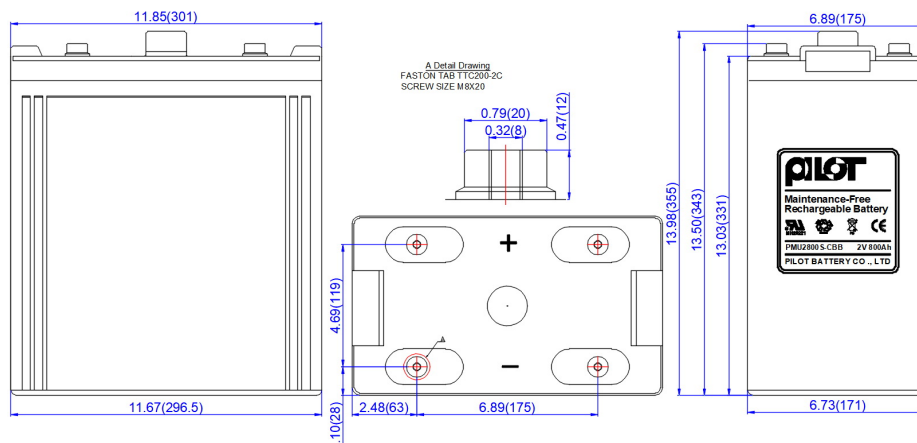
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	800AH/10Hr/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	301±1mm(11.85in)
	寬度 Width	175±1mm(6.89in)
	高度 Height	331±1mm(13.03in)
	總高度 Total Height	367±1mm(14.45in)
重量 Weight	41.5kg(91.3Pounds)	
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	80A to 1.80V	800AH
	5 小時率 5HR of	136A to 1.80V	680AH
	1 小時率 1HR of	424A to 1.80V	424AH
	0.5 小時率 0.5HR of	624A to 1.80V	312AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C (77°F)		大約 Approx. 0.44mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C (104°F)		105%(10HR to 840AH)
	25°C (77°F)		100%(10HR to 800AH)
	0°C (32°F)		85%(10HR to 680AH)
	-20°C (-4°F)		60%(10HR to 480AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			3600.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C (77°F)	
	電流 Current	240.0A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C (77°F)	
	電流 Current	200.0A(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	860	784	720	640	518.4	307.2	228.8	182.4	152.8	108.0	88.8
	W	1534	1431	1320	1178	967	586	438	350	293	209	172
1.65	A	818	736	672	608	504.8	296.0	219.2	176.0	151.2	105.6	87.2
	W	1496	1353	1241	1128	949	566	422	340	293	204	170
1.70	A	796	704	648	592	486.4	291.2	214.4	174.4	148.8	102.4	84.8
	W	1465	1300	1210	1117	918	558	413	336	287	199	166
1.75	A	690	672	608	560	448.0	281.6	212.0	171.2	144.0	100.0	83.2
	W	1281	1257	1140	1052	849	539	410	332	253	195	163
1.80	A	624	600	576	520	424.0	262.4	200.0	163.2	136.0	96.0	80.0
	W	1163	1123	1082	981	808	506	388	317	264	188	158
1.83	A	560	520	480	440	390.4	248.0	185.6	150.4	126.4	88.0	75.2
	W	1065	993	924	854	751	484	362	294	248	173	150

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

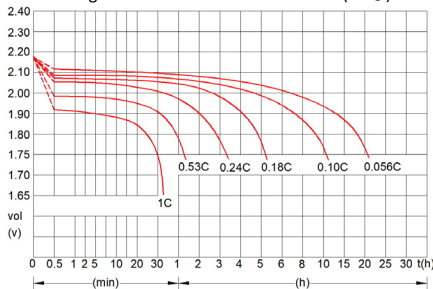
- ☆沒有漏酸的危險，氣體釋放率超底，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

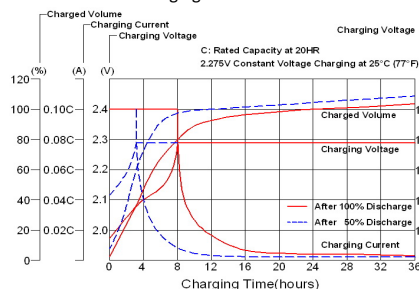
放電特性(25°C)

Discharge characteristic at different rates(25°C)



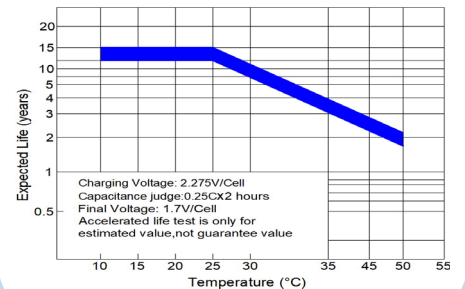
定電壓充電(25°C)

Charging Characteristics



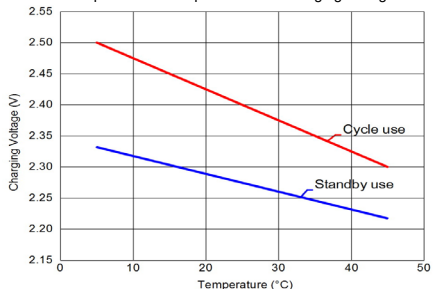
壽命與溫度關係

Accelerated Life Characteristic



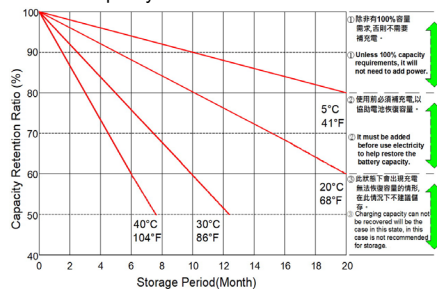
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

