

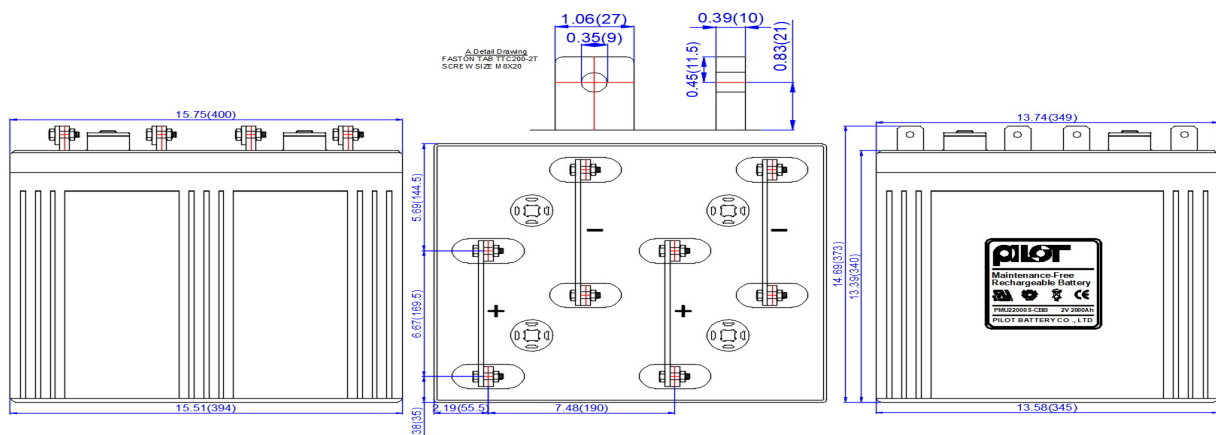
規格Specification

額定電壓Rated Voltage	2V	
額定容量Rated Capacity	2000AH/10Hr/1.8V	端子 Terminal:螺栓(M8 Bolt)
尺寸Dimension	長度 Length	400±1mm(15.75in)
	寬度 Width	349±1mm(13.74in)
	高度 Height	340±1mm(13.39in)
	總高度 Total Height	373±1mm(14.69in)
重量Weight		111.5kg(245.3Pounds)
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	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	200A to 1.80V	2000AH
	5 小時率	5HR of	340A to 1.80V	1700AH
	3 小時率	3HR of	490A to 1.80V	1470AH
	1 小時率	1HR of	1060A to 1.80V	1060AH
內阻Internal Resistance (at 1KHz)	完全充電Full Charge at 25°C (77°F)			大約Approx.0.38mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C (104°F)			105%(10HR to 2100AH)
	25°C (77°F)			100%(10HR to 2000AH)
	0°C (32°F)			85%(10HR to 1700AH)
	-20°C (-4°F)			60%(10HR to 1200AH)
最大放電電流5 秒Maximum Discharge Current at 5 Sec				8000A(4CA)
浮充Float Charging	電壓Voltage			2.275±0.025V 25°C (77°F)
	電流Current			600.0A(0.3CA)
循環充電 Cyclic Charging	電壓Voltage			2.40±0.05V 25°C (77°F)
	電流Current			500.0A(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	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。 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.			

尺寸Dimension: inch (mm)



Performance specification

Amperes and watts per battery at 25°C (77°F)

F.V.	Time	Minutes	Hours						
	Item	45	1	2	3	4	5	8	10
1.60	A	1600	1296.0	768.0	572.0	456.0	382.0	270.0	222.0
	W	2946	2418	1466	1094	874	733	522	430
1.65	A	1520	1262.0	740.0	548.0	440.0	378.0	264.0	218.0
	W	2821	2371	1416	1054	850	732	510	424
1.70	A	1480	1216.0	728.0	536.0	436.0	372.0	256.0	212.0
	W	2793	2294	1394	1032	840	718	498	414
1.75	A	1400	1120.0	704.0	530.0	428.0	360.0	250.0	208.0
	W	2630	2123	1348	1024	831	632	488	408
1.80	A	1300	1060.0	656.0	500.0	408.0	340.0	240.0	200.0
	W	2453	2020	1266	969	792	659	470	394
1.83	A	1100	976.0	620.0	464.0	376.0	316.0	220.0	188.0
	W	2134	1876	1210	906	736	620	432	374

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

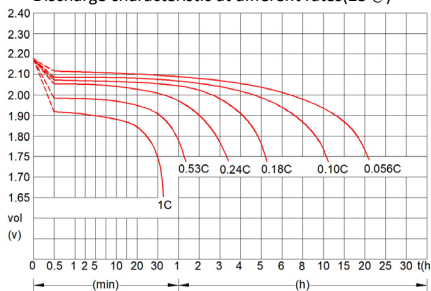
密封結構 Seal construction

- ☆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.

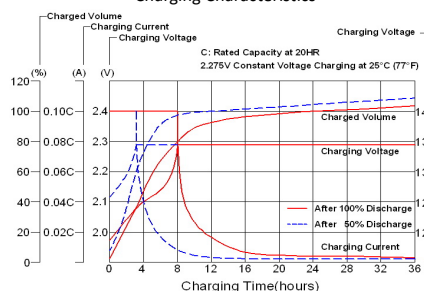
穩定性 Stabilities

- ☆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.

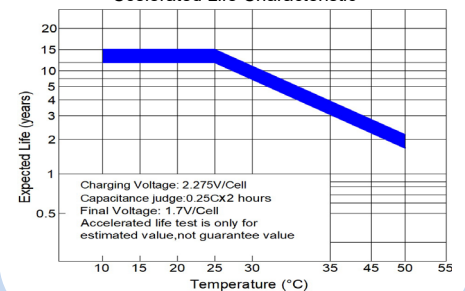
放電特性(25°C) Discharge characteristic at different rates(25°C)



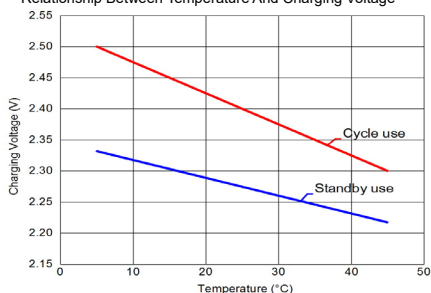
定電壓充電(25°C) Charging Characteristics



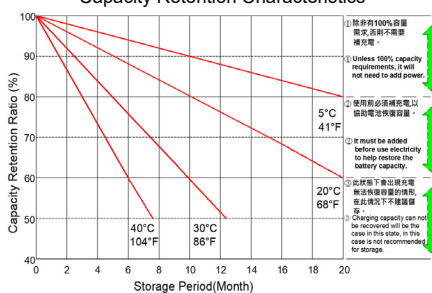
壽命與溫度關係 Accelerated Life Characteristic



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

