

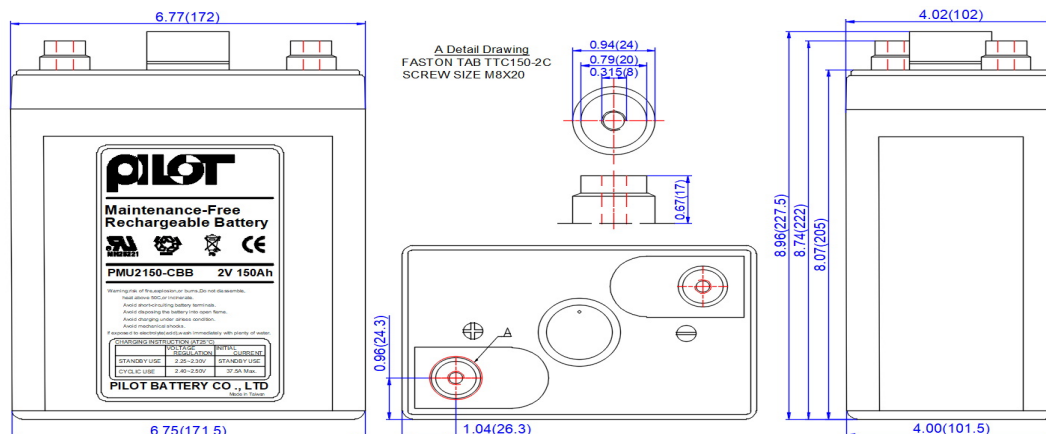
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	150AH/10Hr/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	172±1mm(6.77in)
	寬度 Width	102±1mm(4.02in)
	高度 Height	205±1mm(8.07in)
	總高度 Total Height	227.5±1mm(8.96in)
重量 Weight	8.1kg(17.82Pounds)	
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	15.0A to 1.80V	150.0AH
	5 小時率 5HR of	25.5A to 1.80V	127.5AH
	1 小時率 1HR of	79.5A to 1.80V	79.5AH
	0.5 小時率 0.5HR of	148.5A to 1.80V	74.3AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C (77°F)		大約 Approx. 0.8mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C (104°F)		105%(10HR to 157.5AH)
	25°C (77°F)		100%(10HR to 150AH)
	0°C (32°F)		85%(10HR to 127.5AH)
	-20°C (-4°F)		60%(10HR to 90AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			975.0A(6.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C (77°F)	
	電流 Current	45.00A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.45±0.05V 25°C (77°F)	
	電流 Current	37.50A(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) 10~12 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	20	25	30	35	40	45	1	2	3	4	5	8	10
1.60	A	271.5	238.5	199.5	180.0	162.0	150.0	135.0	97.2	57.6	42.9	34.2	28.7	20.3	16.7
	W	475.2	424.0	360.1	326.5	295.7	275.0	248.5	181.4	109.9	82.1	65.6	55.0	39.1	32.2
1.65	A	255.0	222.0	189.0	171.0	153.0	142.5	129.0	92.7	55.5	41.1	33.0	27.5	19.8	16.4
	W	453.7	399.6	344.2	312.7	281.2	263.2	239.4	174.2	106.2	79.1	63.7	53.2	38.2	31.8
1.70	A	241.5	208.5	181.5	163.5	147.0	136.5	126.0	91.2	54.6	40.2	32.7	26.9	19.2	15.9
	W	436.7	379.6	332.7	300.8	271.5	254.8	237.7	172.1	104.6	77.4	63.1	51.9	37.3	31.0
1.75	A	223.5	198.0	172.5	157.5	141.0	129.0	120.0	84.0	51.6	38.1	30.9	27.5	18.8	15.6
	W	406.0	362.9	319.0	292.7	263.7	241.8	225.4	159.2	99.4	73.7	59.9	48.2	36.6	30.6
1.80	A	204.0	186.0	163.5	148.5	135.0	123.0	117.0	79.5	49.2	36.6	30.6	25.5	18.0	15.0
	W	372.9	342.7	303.8	276.8	252.6	231.1	220.8	151.5	94.9	71.0	59.4	49.4	34.9	29.6
1.83	A	168.0	151.5	139.5	127.5	117.0	105.0	100.5	73.2	46.5	34.8	28.2	23.7	15.6	14.1
	W	315.9	285.9	264.3	242.4	223.3	202.1	195.1	140.7	90.8	67.9	55.2	46.5	30.7	28.0

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

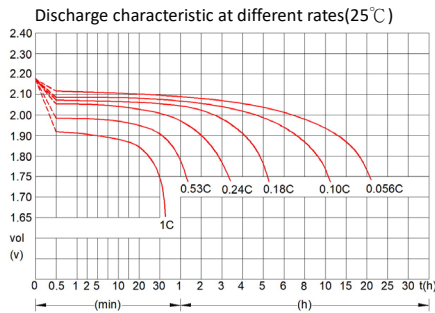
密閉結構 Seal construction

- ☆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.

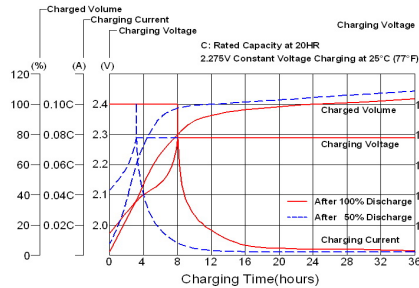
穩定性 Stabilities

- ☆正負極板是鉛銀合金
Positive and negative plates are lead silver alloy.
- ☆塑膠殼是防火 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.

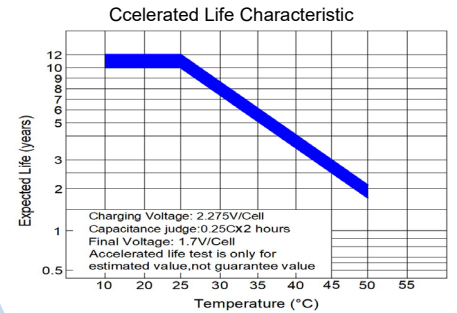
放電特性(25°C)



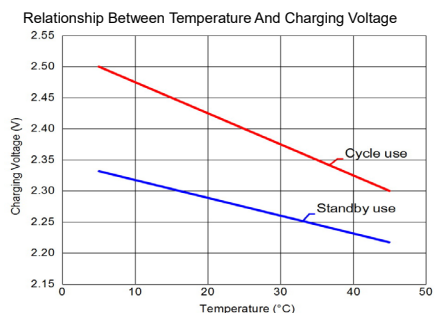
定電壓充電(25°C) Charging Characteristics



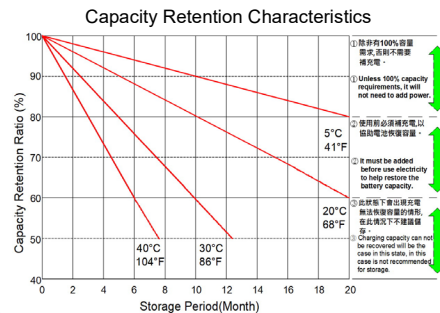
壽命與溫度關係



溫度與充電電壓關係



容量保持特性



壽命循環關係

