

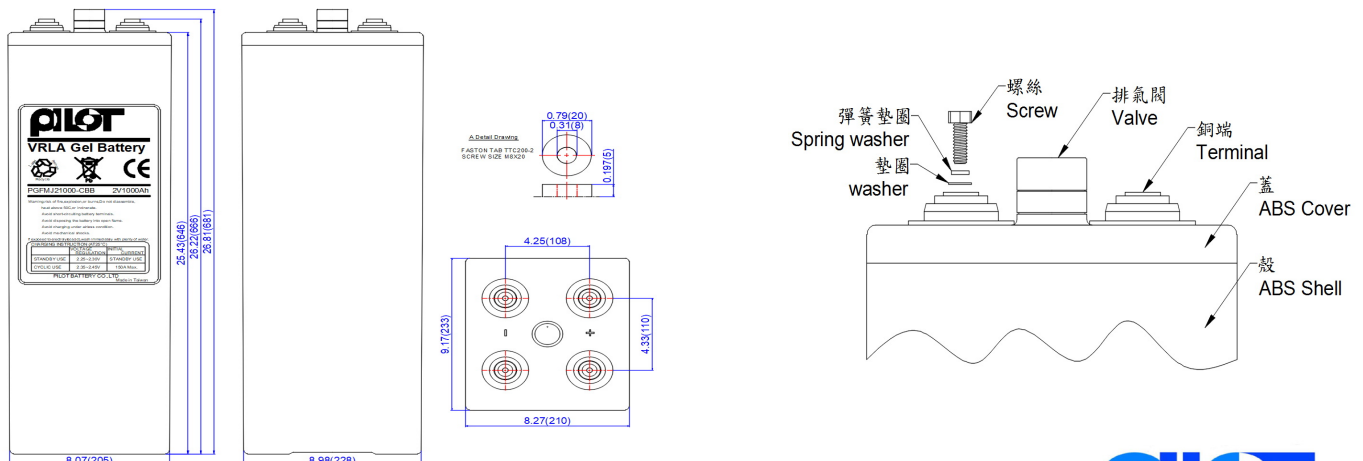
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1000AH/10HR/1.8V	端子 Terminal: 螺栓(M10 Bolt)
尺寸 Dimension	長度 Length	210±1mm(8.27in)
	寬度 Width	233±1mm(9.17in)
	高度 Height	646±1mm(25.43in)
	總高度 Total Height	681±1mm(26.81in)
重量 Weight	68.0kg(149.6Pounds)	
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	100.0A to 1.80V	1000.0AH
	5 小時率 5HR of	171.0A to 1.80V	855.0AH
	1 小時率 1HR of	500.0A to 1.80V	500.0AH
	0.5 小時率 0.5HR of	715.0A to 1.80V	357.5AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx. 0.45mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(10HR to 1050AH)
	25°C(77°F)		100%(10HR to 1000AH)
	0°C(32°F)		85%(10HR to 850AH)
	-20°C(-4°F)		60%(10HR to 600AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			3000.0A(3CA)
浮充 Float Charging	電壓 Voltage	2.23~2.30V 25°C(77°F)	
	電流 Current	160.0A(0.20CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.35~2.45V 25°C(77°F)	
	電流 Current	120.0A(0.15CA)	
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) 15~18 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	1	2	3	4	5	6	8	10	24	48	100
1.60	A	1090.0	870.0	575.0	370.0	270.0	212.0	182.0	160.0	129.0	106.0	48.0	26.0	14.6
	W	2180.0	1725.0	1274.7	726.0	558.3	440.1	369.5	319.6	265.5	223.5	99.0	53.6	30.1
1.65	A	1055.0	845.0	560.0	364.0	265.0	210.0	180.0	158.0	128.0	105.0	47.5	25.9	14.4
	W	2081.9	1641.7	1182.7	723.0	553.3	437.1	366.8	317.6	263.5	220.9	97.2	53.0	29.5
1.70	A	990.0	810.0	541.0	355.0	260.0	208.0	178.0	156.0	126.5	104.6	47.0	25.7	14.2
	W	1979.0	1566.7	1102.1	713.0	543.2	433.2	362.9	313.9	259.9	218.1	95.9	52.4	29.0
1.75	A	940.0	780.0	530.0	347.0	255.0	204.0	174.0	153.0	124.0	103.2	46.0	25.4	13.9
	W	1878.0	1504.6	1047.4	695.0	532.3	425.8	348.0	308.4	255.4	214.3	94.3	52.1	28.5
1.80	A	830.0	715.0	500.0	336.0	250.0	200.0	171.0	149.0	121.0	100.0	45.0	25.0	13.5
	W	1757.4	1447.1	978.9	675.0	517.2	406.1	334.0	292.4	243.5	202.4	89.4	49.7	26.8
1.83	A	700.0	600.0	480.0	315.0	242.0	195.0	167.0	145.0	118.0	99.0	44.0	24.0	12.9
	W	1647.4	1385.9	941.2	644.1	492.1	388.0	327.9	282.3	232.1	195.0	86.7	47.3	25.4

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
- ☆火災安全系統
Fire and security systems

密閉結構 Seal construction

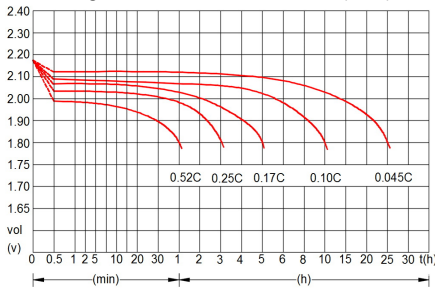
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted 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 M10 螺絲，扭力從 15N-m 至 18N-m(最大)採用不銹鋼材質，堅固耐用。
Assembling screws using M10 screws, torque from 15N-m to 18N-m (maximum) made of stainless steel, durable.

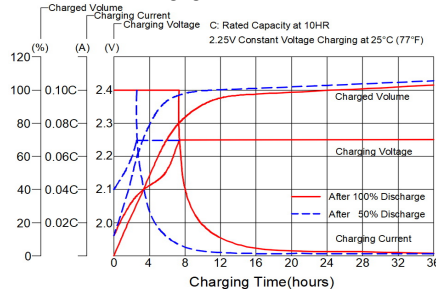
放電特性(25°C)

Discharge characteristic at different rates(25°C)



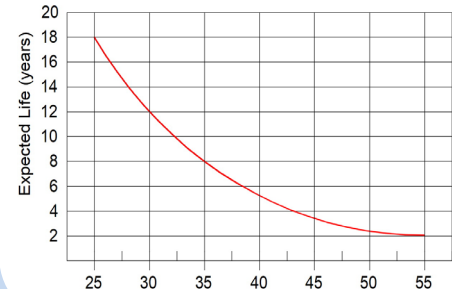
定電壓充電(25°C)

Charging Characteristics



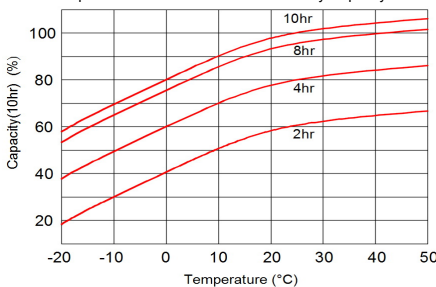
壽命與溫度關係

Accelerated Life Characteristic



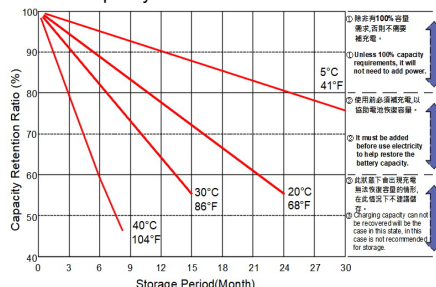
溫度與充電電壓關係

Temperature Effects In Relation To Battery Capacity



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

