

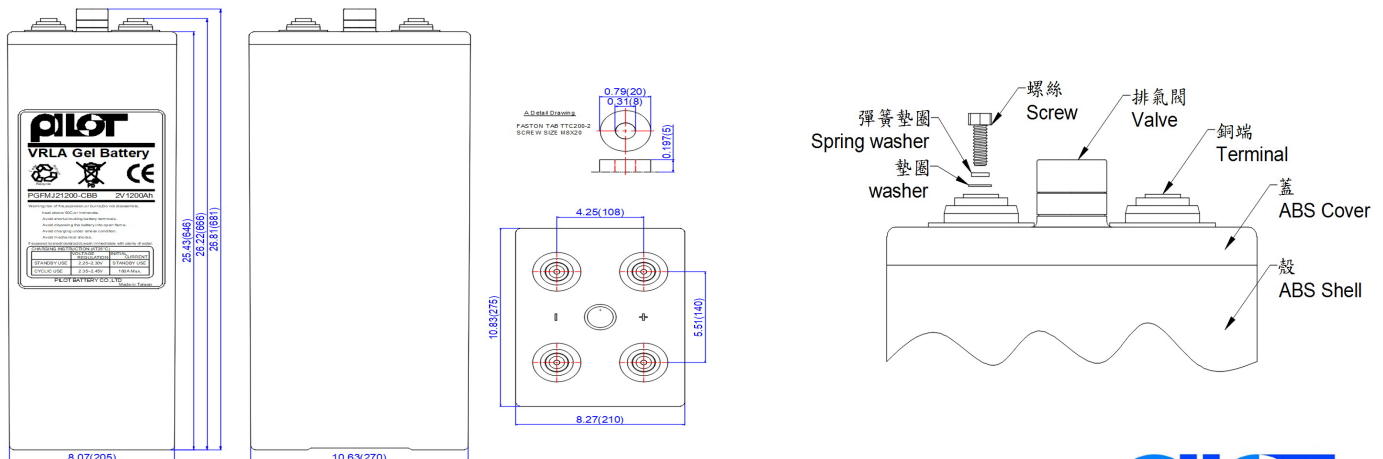
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1200AH/10HR/1.8V	端子 Terminal: 螺栓(M10 Bolt)
尺寸 Dimension	長度 Length	210±1mm(8.27in)
	寬度 Width	275±1mm(10.83in)
	高度 Height	646±1mm(25.43in)
	總高度 Total Height	681±1mm(26.81in)
重量 Weight	79kg(173.8Pounds)	
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	120.0A to 1.80V	1200.0AH
	5 小時率 5HR of	205.2A to 1.80V	1026.0AH
	1 小時率 1HR of	600.0A to 1.80V	600.0AH
	0.5 小時率 0.5HR of	858.0A to 1.80V	429.0AH
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 1260AH)
	25°C(77°F)		100%(10HR to 1200AH)
	0°C(32°F)		85%(10HR to 1020AH)
	-20°C(-4°F)		60%(10HR to 720AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			3600.0A(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	1308.0	1044.0	690.0	444.0	324.0	254.4	218.4	192.0	154.8	127.2	57.6	31.2	17.5
	W	2616.0	2070.0	1529.6	871.2	669.9	528.1	443.4	383.5	318.6	268.2	118.7	64.3	36.1
1.65	A	1266.0	1014.0	672.0	436.8	318.0	252.0	216.0	189.6	153.6	126.0	57.0	31.1	17.3
	W	2498.2	1970.1	1419.2	867.6	663.9	524.5	440.2	381.1	316.2	265.1	116.7	63.6	35.4
1.70	A	1188.0	972.0	649.2	426.0	312.0	249.6	213.6	187.2	151.8	125.5	56.4	30.8	17.0
	W	2374.8	1880.0	1322.6	855.6	651.8	519.8	435.4	376.7	311.9	261.8	115.1	62.9	34.8
1.75	A	1128.0	936.0	636.0	416.4	306.0	244.8	208.8	183.6	150.0	123.8	55.2	30.5	16.7
	W	2253.6	1805.6	1256.9	834.0	638.7	511.0	417.6	370.1	306.5	257.2	113.2	62.5	34.2
1.80	A	996.0	858.0	600.0	403.2	300.0	240.0	205.2	178.8	145.2	120.0	54.0	30.0	16.2
	W	2108.8	1736.6	1174.7	810.1	620.6	487.3	400.8	350.8	292.2	242.9	107.3	59.6	32.2
1.83	A	840.0	720.0	576.0	378.0	290.4	234.0	200.4	174.0	141.6	118.8	52.8	28.8	15.5
	W	1976.9	1663.1	1129.4	772.9	590.5	465.6	393.5	338.7	278.5	234.0	104.0	56.7	30.5

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

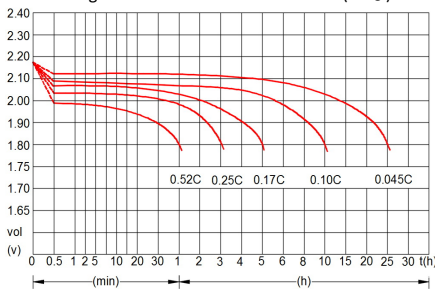
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

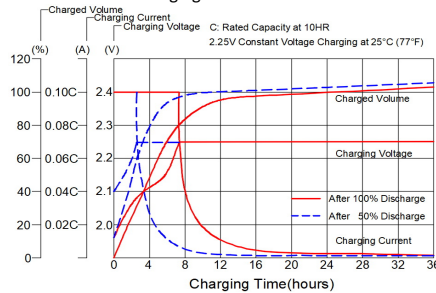
放電特性(25°C)

Discharge characteristic at different rates(25°C)



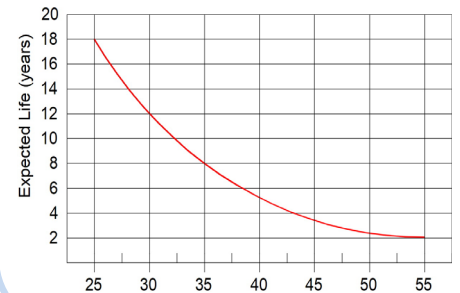
定電壓充電(25°C)

Charging Characteristics



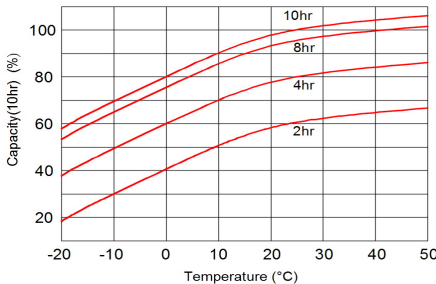
壽命與溫度關係

Accelerated Life Characteristic



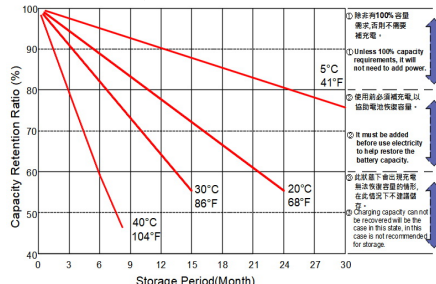
溫度與充電電壓關係

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

