

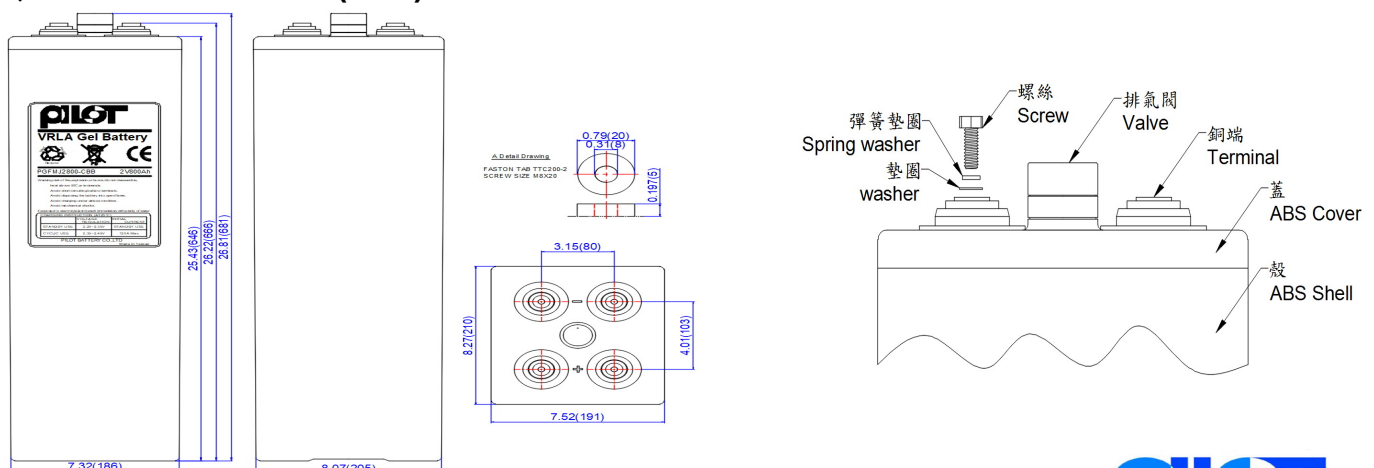
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	800AH/10Hr/1.8V	端子 Terminal: 螺栓(M10 Bolt)
尺寸 Dimension	長度 Length	210±1mm(8.27in)
	寬度 Width	191±1mm(7.52in)
	高度 Height	646±1mm(25.43in)
	總高度 Total Height	681±1mm(26.81in)
重量 Weight	57.0kg(125.4Pounds)	
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	80.0A to 1.80V	800.0AH
	5 小時率 5HR of	136.8A to 1.80V	684.0AH
	1 小時率 1HR of	400.0A to 1.80V	400.0AH
	0.5 小時率 0.5HR of	572.0A to 1.80V	286.0AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.0.46mΩ
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			2400.0A(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	872.0	696.0	460.0	296.0	216.0	169.6	145.6	128.0	103.2	84.8	38.4	20.8	11.7
	W	1744.0	1380.0	1019.7	580.8	446.6	352.1	295.6	255.7	212.4	178.8	79.2	42.9	24.1
1.65	A	844.0	676.0	448.0	291.2	212.0	168.0	144.0	126.4	102.4	84.0	38.0	20.7	11.5
	W	1665.5	1313.4	946.1	578.4	442.6	349.7	293.5	254.1	210.8	176.7	77.8	42.4	23.6
1.70	A	792.0	648.0	432.8	284.0	208.0	166.4	142.4	124.8	101.2	83.7	37.6	20.6	11.4
	W	1583.2	1253.3	881.7	570.4	434.5	346.5	290.3	251.1	207.9	174.5	76.7	42.0	23.2
1.75	A	752.0	624.0	424.0	277.6	204.0	163.2	139.2	122.4	99.2	82.6	36.8	20.3	11.1
	W	1502.4	1203.7	837.9	556.0	425.8	340.6	278.4	246.7	204.3	171.5	75.5	41.7	22.8
1.80	A	664.0	572.0	400.0	268.8	200.0	160.0	136.8	119.2	96.8	80.0	36.0	20.0	10.8
	W	1405.9	1157.7	783.1	540.0	413.8	324.8	267.2	233.9	194.8	161.9	71.5	39.7	21.5
1.83	A	560.0	480.0	384.0	252.0	193.6	156.0	133.6	116.0	94.4	79.2	35.2	19.2	10.3
	W	1317.9	1108.7	752.9	515.3	393.7	310.4	262.3	225.8	185.7	156.0	69.3	37.8	20.3

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

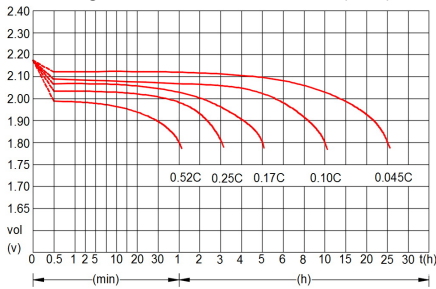
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

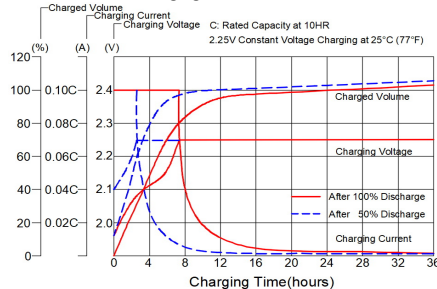
放電特性(25°C)

Discharge characteristic at different rates(25°C)



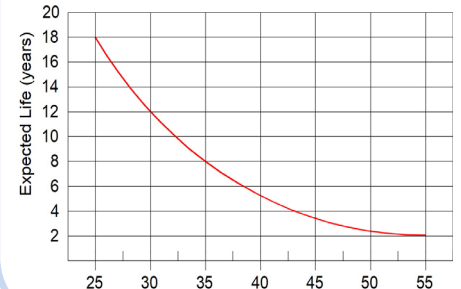
定電壓充電(25°C)

Charging Characteristics



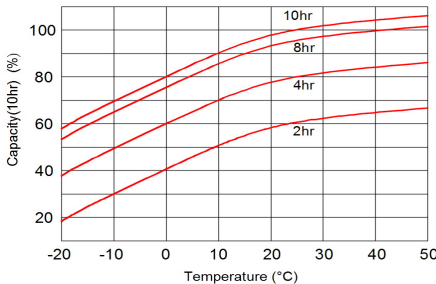
壽命與溫度關係

Accelerated Life Characteristic



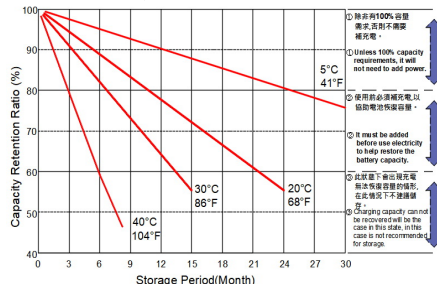
溫度與充電電壓關係

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

