

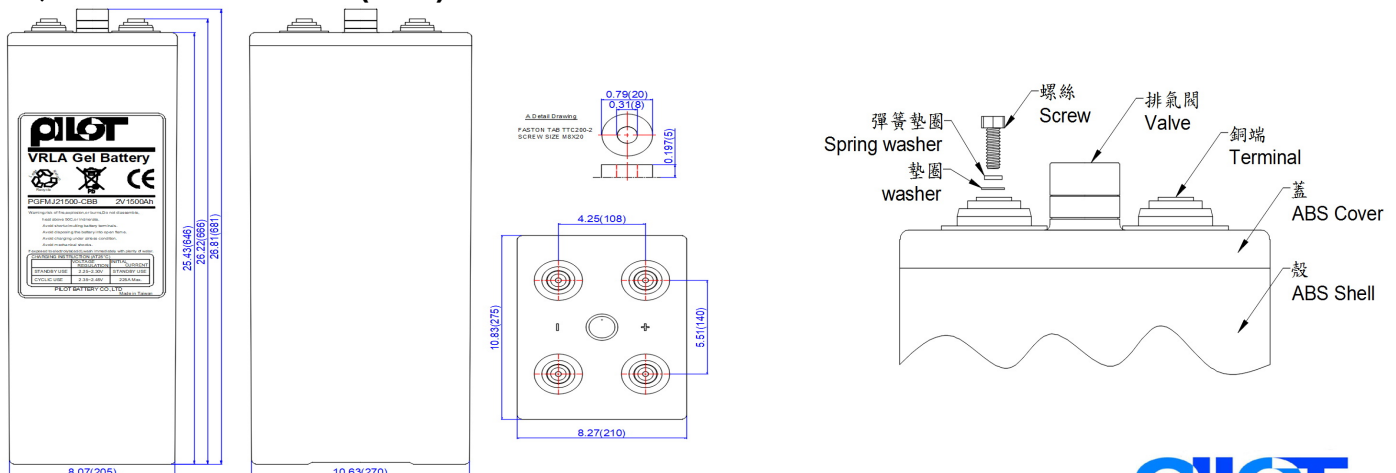
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1500AH/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	95kg(209Pounds)	
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	150.0A to 1.80V	1500.0AH
	5 小時率 5HR of	256.5A to 1.80V	1282.5AH
	1 小時率 1HR of	787.5A to 1.80V	787.5AH
	0.5 小時率 0.5HR of	1072.5A to 1.80V	536.3AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.0.28mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(10HR to 1575AH)
	25°C(77°F)		100%(10HR to 1500AH)
	0°C(32°F)		85%(10HR to 1275AH)
	-20°C(-4°F)		60%(10HR to 900AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			4500.0A(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	1635.0	1305.0	900.0	555.0	405.0	318.0	273.0	240.0	193.5	159.0	72.0	39.0	21.9
	W	3270.0	2587.5	1995.1	1088.9	837.4	660.1	554.3	479.4	398.3	335.2	148.4	80.4	45.1
1.65	A	1582.5	1267.5	877.5	546.0	397.5	315.0	270.0	237.0	192.0	157.5	71.3	38.9	21.6
	W	3122.8	2462.6	1853.2	1084.5	829.9	655.6	550.3	476.4	395.3	331.4	145.8	79.5	44.2
1.70	A	1485.0	1215.0	849.0	532.5	390.0	312.0	267.0	234.0	189.8	156.9	70.5	38.6	21.3
	W	2968.5	2350.0	1729.6	1069.5	814.8	649.7	544.3	470.9	389.9	327.2	143.9	78.7	43.5
1.75	A	1410.0	1170.0	825.0	520.5	382.5	306.0	261.0	229.5	186.0	154.8	69.0	38.1	20.9
	W	2817.0	2257.0	1630.4	1042.5	798.4	638.7	522.0	462.6	383.1	321.5	141.5	78.1	42.7
1.80	A	1245.0	1072.5	787.5	504.0	375.0	300.0	256.5	223.5	181.5	150.0	67.5	37.5	20.3
	W	2636.0	2170.7	1541.7	1012.6	775.8	609.1	501.1	438.5	365.3	303.6	134.1	74.5	40.2
1.83	A	1050.0	900.0	735.0	472.5	363.0	292.5	250.5	217.5	177.0	148.5	66.0	36.0	19.4
	W	2471.1	2078.9	1441.1	966.1	738.2	582.0	491.8	423.4	348.1	292.5	130.0	70.9	38.1

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

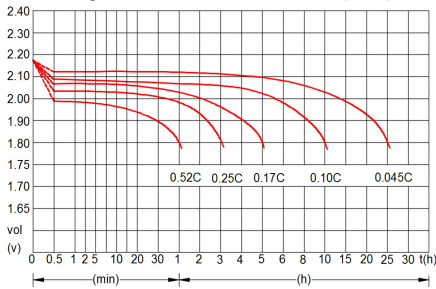
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

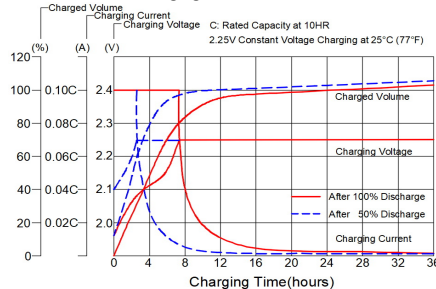
放電特性(25°C)

Discharge characteristic at different rates(25°C)



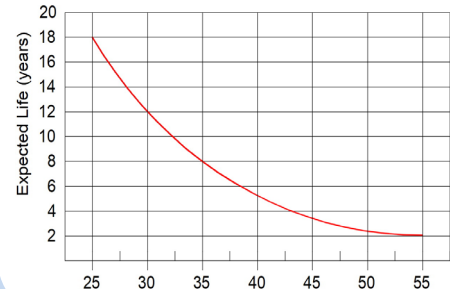
定電壓充電(25°C)

Charging Characteristics



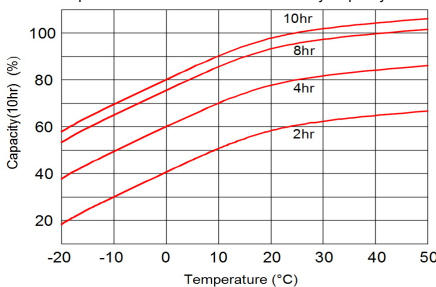
壽命與溫度關係

Accelerated Life Characteristic



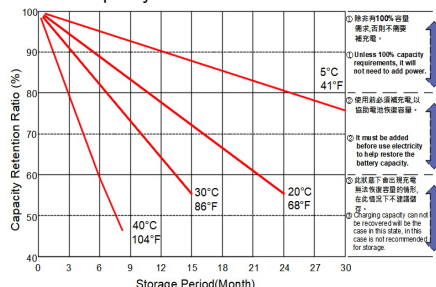
溫度與充電電壓關係

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

