

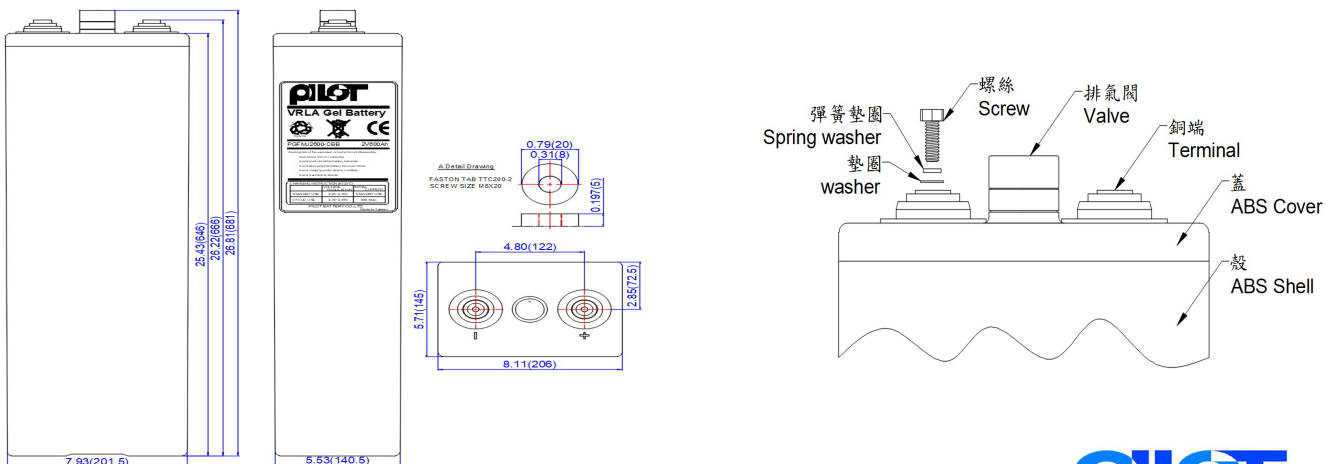
規格Specification

| | | |
|------------------------------|---|---------------------------------|
| 額定電壓 Rated Voltage | 2V | |
| 額定容量 Rated Capacity | 600AH/10Hr/1.8V | 端子 Terminal: 螺栓(M10 Bolt) |
| 尺寸 Dimension | 長度 Length | 206±1mm(8.11in) |
| | 寬度 Width | 145±1mm(5.71in) |
| | 高度 Height | 646±1mm(25.43in) |
| | 總高度 Total Height | 681±1mm(26.81in) |
| 重量 Weight | 46.5kg(102.3Pounds) | |
| 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 | 60.0A to 1.80V | 600.0AH |
| | 5 小時率 5HR of | 102.6A to 1.80V | 513.0AH |
| | 1 小時率 1HR of | 300.0A to 1.80V | 300.0AH |
| | 0.5 小時率 0.5HR of | 429.0A to 1.80V | 214.5AH |
| 內阻 Internal Resistance (at 1KHz) | 完全充電 Full Charge at 25°C(77°F) | | 大約 Approx.0.47mΩ |
| 容量受溫度影響 The capacity will be effected by temperature | 40°C(104°F) | | 105%(10HR to 630AH) |
| | 25°C(77°F) | | 100%(10HR to 600AH) |
| | 0°C(32°F) | | 85%(10HR to 510AH) |
| | -20°C(-4°F) | | 60%(10HR to 360AH) |
| 最大放電電流 5 秒 Maximum Discharge Current at 5 Sec | | | 1800.0A(3CA) |
| 浮充 Float Charging | 電壓 Voltage | 2.23~2.30V 25°C(77°F) | |
| | 電流 Current | 120.0A(0.20CA) | |
| 循環充電 Cyclic Charging | 電壓 Voltage | 2.35~2.45V 25°C(77°F) | |
| | 電流 Current | 90.0A(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 | 654.0 | 522.0 | 345.0 | 222.0 | 162.0 | 127.2 | 109.2 | 96.0 | 77.4 | 63.6 | 28.8 | 15.6 | 8.8 |
| | W | 1308.0 | 1035.0 | 764.8 | 435.6 | 335.0 | 264.0 | 221.7 | 191.8 | 159.3 | 134.1 | 59.4 | 32.2 | 18.1 |
| 1.65 | A | 633.0 | 507.0 | 336.0 | 218.4 | 159.0 | 126.0 | 108.0 | 94.8 | 76.8 | 63.0 | 28.5 | 15.5 | 8.6 |
| | W | 1249.1 | 985.0 | 709.6 | 433.8 | 332.0 | 262.2 | 220.1 | 190.6 | 158.1 | 132.6 | 58.3 | 31.8 | 17.7 |
| 1.70 | A | 594.0 | 486.0 | 324.6 | 213.0 | 156.0 | 124.8 | 106.8 | 93.6 | 75.9 | 62.8 | 28.2 | 15.4 | 8.5 |
| | W | 1187.4 | 940.0 | 661.3 | 427.8 | 325.9 | 259.9 | 217.7 | 188.3 | 156.0 | 130.9 | 57.5 | 31.5 | 17.4 |
| 1.75 | A | 564.0 | 468.0 | 318.0 | 208.2 | 153.0 | 122.4 | 104.4 | 91.8 | 74.4 | 61.9 | 27.6 | 15.2 | 8.3 |
| | W | 1126.8 | 902.8 | 628.4 | 417.0 | 319.4 | 255.5 | 208.8 | 185.1 | 153.3 | 128.6 | 56.6 | 31.2 | 17.1 |
| 1.80 | A | 498.0 | 429.0 | 300.0 | 201.6 | 150.0 | 120.0 | 102.6 | 89.4 | 72.6 | 60.0 | 27.0 | 15.0 | 8.1 |
| | W | 1054.4 | 868.3 | 587.3 | 405.0 | 310.3 | 243.6 | 200.4 | 175.4 | 146.1 | 121.4 | 53.6 | 29.8 | 16.1 |
| 1.83 | A | 420.0 | 360.0 | 288.0 | 189.0 | 145.2 | 117.0 | 100.2 | 87.0 | 70.8 | 59.4 | 26.4 | 14.4 | 7.7 |
| | W | 988.4 | 831.6 | 564.7 | 386.5 | 295.3 | 232.8 | 196.7 | 169.4 | 139.2 | 117.0 | 52.0 | 28.4 | 15.2 |

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

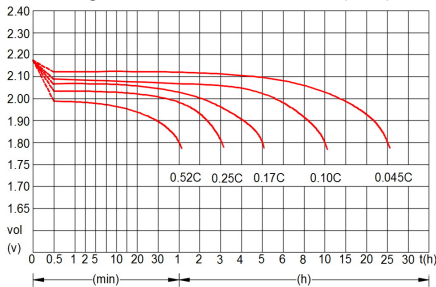
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

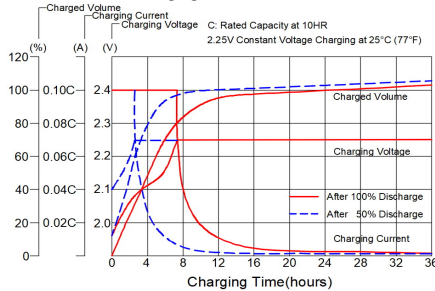
放電特性(25°C)

Discharge characteristic at different rates(25°C)



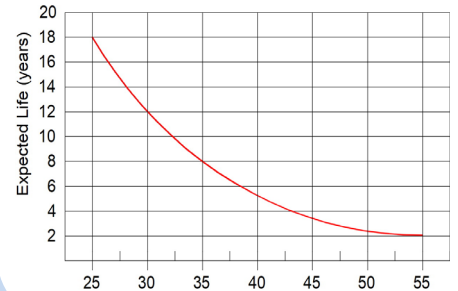
定電壓充電(25°C)

Charging Characteristics



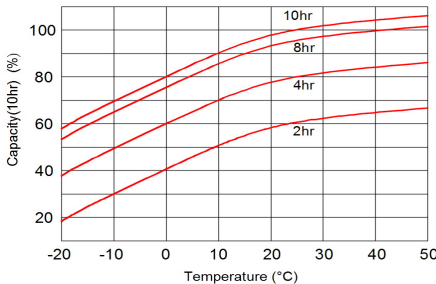
壽命與溫度關係

Accelerated Life Characteristic



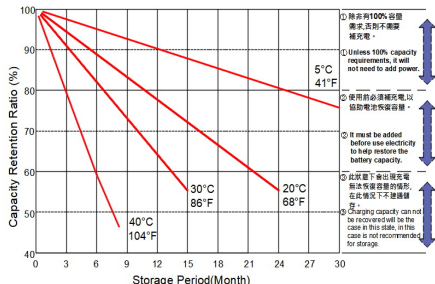
溫度與充電電壓關係

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

