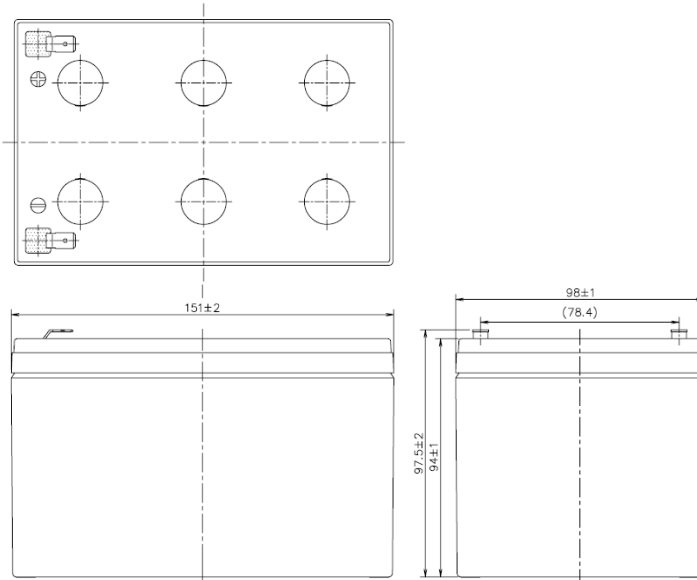


## REC12-12

### 尺寸 DIMENSION



### 規範 Specification

- 公稱電壓 Nominal Voltage : 12V
- 尺寸 Dimension
  - 長度 Length : 151±2mm
  - 寬度 Width : 98±1mm
  - 高度 Case Height : 94±1mm
  - 總高 Overall Height : 97.5±2mm
- 重量 Weight (約 Approx.) : 4.1 kg
- 公稱容量 Nominal Capacity : 12AH / 20HR (25°C)
- 內部電阻 Internal Resistance(Approx.) : 約 12.1 mΩ
- 最大充電電流 Max. Charge current : 3A
- 5 秒最大放電電流
  - Max. Discharge current in 5 seconds : 180A
- 浮動充電 Float Charging : 13.65±0.15V (25°C)  
 循環充電 Cycle Charging : 14.4~15.0V (25°C)
- 端子 Terminal :  
 插入式端子 Faston tab : 250
- 操作溫度範圍 Operating Temperature Range
  - 放電 Discharging -15°C to 45°C
  - 充電 Charging -15°C to 45°C
  - 放置 Storage -15°C to 45°C
- 期待循環壽命 Expected Cycle life (25°C) : 50% DOD 600 Cycle
- 容易保養 Easy Maintenance
  - 不會洩漏電解液 No electrolyte leakage
  - 確保操作安全性 Ensure safe and efficient operation
- 電槽材質 Container Material :  
 難燃等級 UL94HB Flame class : UL94HB
- 用途 Applications :  
 UPS 不斷電系統、電信、緊急照明、警報系統、儀器、太陽能發電系統  
 UPS( Uninterruptible Power Supply )、Telecommunications、Emergency lighting、Alarm systems、Instrumentation、Solar powered systems

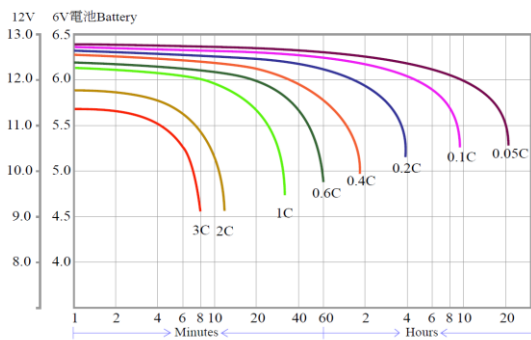
性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25°C ( 77°F )

| F.V.   | TIME | 3M     | 5M  | 6M  | 8M  | 10M  | 15M  | 30M  | 1H    | 2H   | 3H   | 5H   | 10H   | 20H  |
|--------|------|--------|-----|-----|-----|------|------|------|-------|------|------|------|-------|------|
|        |      | 10.80V | W   | 577 | 505 | 481  | 405  | 368  | 282   | 170  | 98.8 | 54.2 | 38.7  | 25.4 |
|        | A    | 51     | 44  | 42  | 35  | 32.6 | 24.5 | 14.7 | 8.46  | 4.53 | 3.24 | 2.10 | 1.10  | 0.61 |
| 10.50V | W    | 651    | 550 | 516 | 434 | 390  | 292  | 175  | 100.2 | 54.7 | 39.1 | 25.7 | 13.51 | 7.29 |
|        | A    | 59     | 49  | 46  | 38  | 34.7 | 25.5 | 15.1 | 8.57  | 4.63 | 3.31 | 2.16 | 1.13  | 0.61 |
| 10.20V | W    | 699    | 576 | 535 | 450 | 400  | 297  | 177  | 101.2 | 55.1 | 39.4 | 25.8 | 13.58 | 7.32 |
|        | A    | 64     | 52  | 48  | 40  | 35.6 | 25.9 | 15.3 | 8.66  | 4.68 | 3.34 | 2.18 | 1.14  | 0.61 |
| 10.02V | W    | 721    | 588 | 543 | 457 | 404  | 299  | 178  | 101.7 | 55.5 | 39.7 | 26.0 | 13.71 | 7.40 |
|        | A    | 67     | 53  | 49  | 41  | 36.0 | 26.1 | 15.4 | 8.70  | 4.71 | 3.37 | 2.20 | 1.15  | 0.62 |
| 9.60V  | W    | 755    | 605 | 554 | 466 | 408  | 302  | 179  | 102.2 | 55.9 | 39.9 | 26.3 | 13.84 | 7.47 |
|        | A    | 71     | 55  | 50  | 42  | 36.4 | 26.4 | 15.5 | 8.74  | 4.75 | 3.39 | 2.22 | 1.16  | 0.62 |

特性 Characteristics

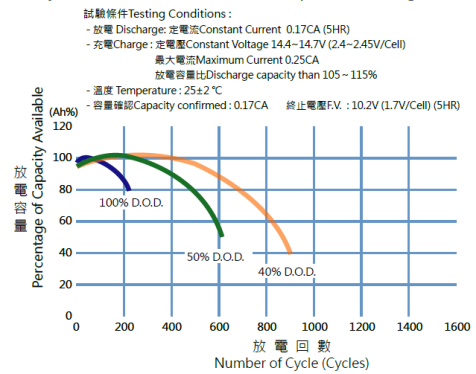
放電特性 DISCHARGE CHARACTERISTICS

放電曲線 Discharge Characteristics Curves at 25°C

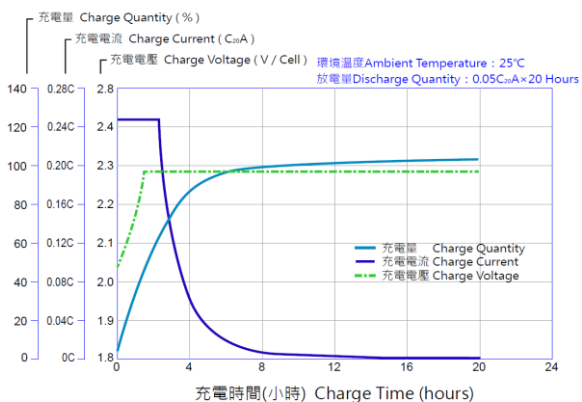


循環壽命特性 CYCLE LIFE CHARACTERISTICS

放電深度與循環壽命關係圖 Cycle Service Life in Relation to Depth of Discharge



充電特性 CHARGE CHARACTERISTICS



充電電壓 CHARGE VOLTAGE

溫度與充電電壓關係 Relationship Between Temperature and Charge Voltage

