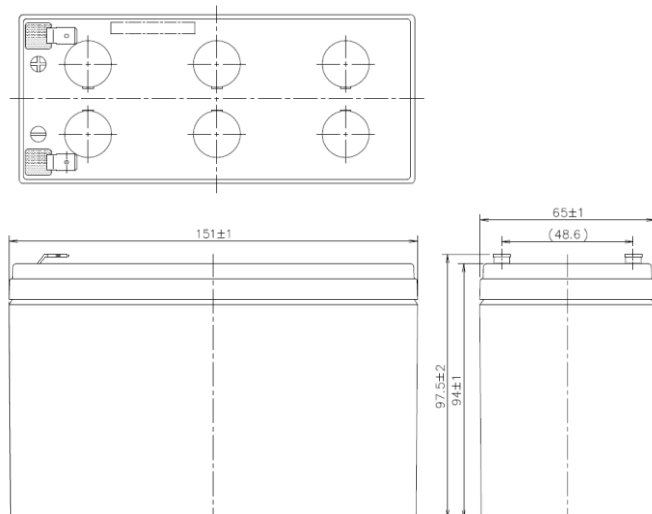


# 閥調式鉛酸蓄電池(VRLA) Valve Regulated Lead Acid Battery

## NPW45-12

### 尺寸 DIMENSION



### 規範 Specification

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>公稱電壓 Nominal Voltage : 12V</p> <p>尺寸 Dimension</p> <p>長度 Length : 151±1mm</p> <p>寬度 Width : 65±1mm</p> <p>高度 Case Height : 94±1mm</p> <p>總高 Overall Height : 97.5±2mm</p> <p>重量 Weight (約 Approx.) : 2.6 kg</p> <p>公稱容量 Nominal Capacity : 45W / Cell (10Min)<br/>7.5AH / 20HR (25°C)</p> <p>內部電阻 Internal Resistance(Approx.) : 約 15.4 mΩ</p> <p>最大充電電流 Max. Charge current : 1.875A</p> <p>5 秒最大放電電流<br/>Max. Discharge current in 5 seconds : 112.5A</p> <p>浮動充電 Float Charging : 13.65±0.15V (25°C)</p> <p>端子 Terminal :<br/>插入式端子 Faston tab : 250</p> | <p>操作溫度範圍 Operating Temperature Range</p> <p>放電 Discharging -15°C to 45°C</p> <p>充電 Charging -15°C to 45°C</p> <p>放置 Storage -15°C to 45°C</p> <p>期待浮充壽命 Expected float use life (25°C) : 3~5 years</p> <p>容易保養 Easy Maintenance</p> <p>不會洩漏電解液 No electrolyte leakage</p> <p>確保操作上安全性 Ensure safe and efficient operation</p> <p>電槽材質 Container Material :</p> <p>NPW45-12 難燃等級UL94HB Flame class : UL94HB</p> <p>NPW45-12FR 難燃等級UL94V0 Flame class : UL94V0</p> <p>用途 Applications :</p> <p>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</p> <p>UPS( Uninterruptible Power Supply )、Telecommunications、Emergency lighting、Alarm systems、Instrumentation、Solar powered systems</p> |
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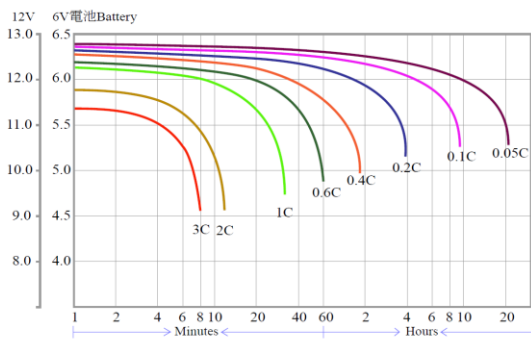
NPW45-12 性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25 °C ( 77 ° F )

| TIME<br>F.V. |   |      |      |      |      |      |      |     |      |      |      |      |      |      |       |
|--------------|---|------|------|------|------|------|------|-----|------|------|------|------|------|------|-------|
|              |   | 3M   | 5M   | 6M   | 8M   | 10M  | 15M  | 30M | 1H   | 2H   | 3H   | 4H   | 5H   | 10H  | 20H   |
| 10.80V       | W | 484  | 380  | 344  | 290  | 251  | 180  | 105 | 59.0 | 31.6 | 22.6 | 17.5 | 14.7 | 7.70 | 4.26  |
|              | A | 43.5 | 33.7 | 30.3 | 25.5 | 22.0 | 15.4 | 8.9 | 4.96 | 2.68 | 1.91 | 1.47 | 1.25 | 0.65 | 0.360 |
| 10.50V       | W | 527  | 403  | 361  | 304  | 260  | 184  | 107 | 59.5 | 32.2 | 23.0 | 17.8 | 15.1 | 7.92 | 4.29  |
|              | A | 46.1 | 35.3 | 31.5 | 26.5 | 22.7 | 15.8 | 9.1 | 5.00 | 2.70 | 1.93 | 1.48 | 1.26 | 0.66 | 0.375 |
| 10.20V       | W | 569  | 425  | 375  | 316  | 267  | 187  | 108 | 60.0 | 32.5 | 23.2 | 17.9 | 15.2 | 8.00 | 4.31  |
|              | A | 51.4 | 37.8 | 33.1 | 27.8 | 23.3 | 16.1 | 9.2 | 5.04 | 2.72 | 1.94 | 1.49 | 1.26 | 0.66 | 0.375 |
| 10.02V       | W | 580  | 431  | 380  | 320  | 270  | 190  | 110 | 61.0 | 33.0 | 23.6 | 18.1 | 15.4 | 8.09 | 4.35  |
|              | A | 53.1 | 38.7 | 33.7 | 28.3 | 23.6 | 16.3 | 9.3 | 5.13 | 2.75 | 1.96 | 1.50 | 1.28 | 0.67 | 0.376 |
| 9.60V        | W | 593  | 438  | 385  | 324  | 273  | 192  | 112 | 62.0 | 33.4 | 23.9 | 18.3 | 15.6 | 8.18 | 4.40  |
|              | A | 54.9 | 39.5 | 34.2 | 28.8 | 23.8 | 16.5 | 9.5 | 5.21 | 2.79 | 1.99 | 1.52 | 1.29 | 0.67 | 0.377 |

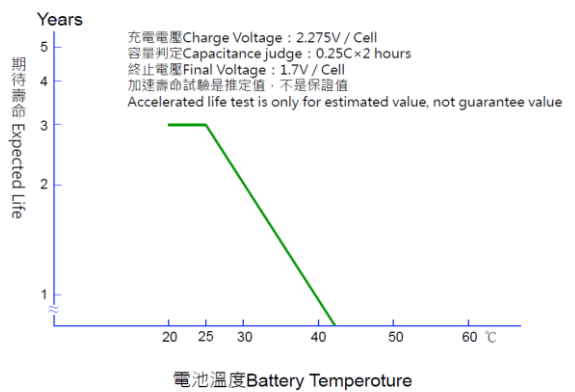
特性 Characteristics

放電特性 DISCHARGE CHARACTERISTICS

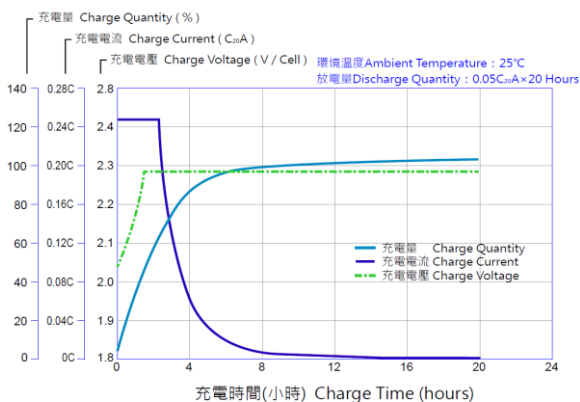
放電曲線 Discharge Characteristics Curves at 25°C



浮充期待壽命 Float Service Life



充電特性 CHARGE CHARACTERISTICS



充電電壓 CHARGE VOLTAGE

