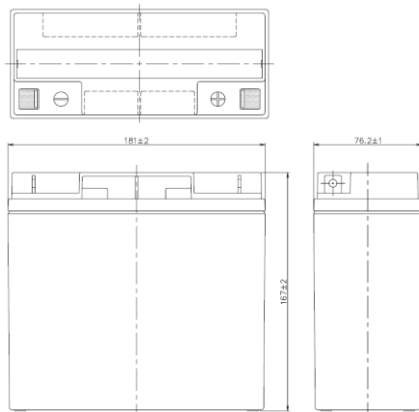




閥調式鉛酸蓄電池(VRLA)  
 Valve Regulated Lead Acid Battery

NPH18-12

尺寸 DIMENSION



| NPH18-12B |        |       | NPH18-12I |        |       |
|-----------|--------|-------|-----------|--------|-------|
| 正視Front   | 側視Side | 上視Top | 正視Front   | 側視Side | 上視Top |
|           |        |       |           |        |       |

規範 Specification

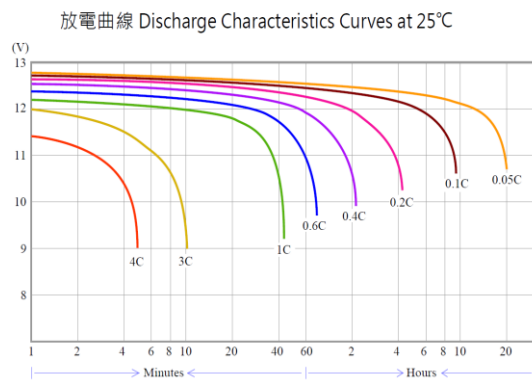
|  |   |                      |            |                      |            |            |                      |
|--|---|----------------------|------------|----------------------|------------|------------|----------------------|
| <ul style="list-style-type: none"> <li>☞ 公稱電壓 Nominal Voltage : 12V</li> <li>☞ 尺寸 Dimension                             <ul style="list-style-type: none"> <li>長度 Length : 181±1mm</li> <li>寬度 Width : 76±1mm</li> <li>高度 Case Height : 167±2mm</li> <li>總高 Overall Height : 167±2mm</li> </ul> </li> <li>☞ 重量 Weight (約 Approx.) : 6.0 kg</li> <li>☞ 公稱容量 Nominal Capacity : 18AH / 10HR (25°C)</li> <li>☞ 內部電阻 Internal Resistance(Approx.) : 約 8.5 mΩ</li> <li>☞ 最大充電電流 Max. Charge current : 4.5A</li> <li>☞ 5 秒最大放電電流                             <ul style="list-style-type: none"> <li>Max. Discharge current in 5 seconds : 270A</li> </ul> </li> <li>☞ 浮動充電 Float Charging : 13.65±0.15V (25°C)</li> <li>☞ 端子 Terminal :                             <ul style="list-style-type: none"> <li>極柱端子Top terminal : 螺絲式 Bolt ( M5 )</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>☞ 操作溫度範圍 Operating Temperature Range                             <ul style="list-style-type: none"> <li>放電 Discharging -15°C to 45°C</li> <li>充電 Charging -15°C to 45°C</li> <li>放置 Storage -15°C to 45°C</li> </ul> </li> <li>☞ 期待浮充壽命 Expected float use life ( 25°C ) : 3~5 years</li> <li>☞ 容易保養 Easy Maintenance                             <ul style="list-style-type: none"> <li>不會洩漏電解液 No electrolyte leakage</li> <li>確保操作安全性 Ensure safe and efficient operation</li> </ul> </li> <li>☞ 電槽材質 Container Material :                             <table border="0" style="width: 100%; margin-top: 5px;"> <tr> <td>NPH18-12</td> <td>難燃等級UL94HB</td> <td>Flame class : UL94HB</td> </tr> <tr> <td>NPH18-12FR</td> <td>難燃等級UL94V0</td> <td>Flame class : UL94V0</td> </tr> </table> </li> <li>☞ 用途 Applications :                             <ul style="list-style-type: none"> <li>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</li> <li>UPS( Uninterruptible Power Supply )、Telecommunications、Emergency lighting、Alarm systems、Instrumentation、Solar powered systems</li> </ul> </li> </ul> | NPH18-12             | 難燃等級UL94HB | Flame class : UL94HB | NPH18-12FR | 難燃等級UL94V0 | Flame class : UL94V0 |
| NPH18-12   | 難燃等級UL94HB  | Flame class : UL94HB |            |                      |            |            |                      |
| NPH18-12FR   | 難燃等級UL94V0  | Flame class : UL94V0 |            |                      |            |            |                      |

# NPH18-12 性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25°C ( 77°F )

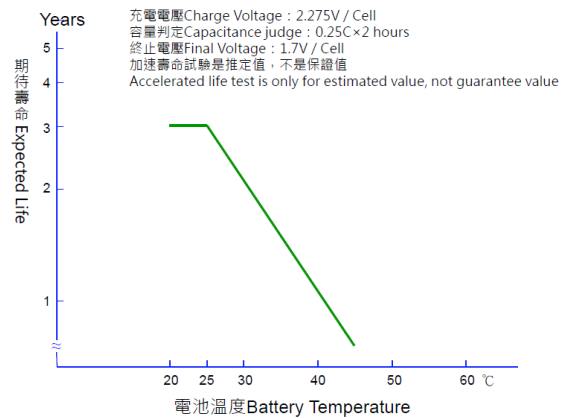
| F.V.   | TIME | 5M   | 10M  | 15M  | 30M  | 45M  | 1H   | 1.5H | 2H   | 3H   | 5H   | 10H  | 20H  |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|        |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 10.80V | W    | 830  | 624  | 469  | 275  | 200  | 158  | 109  | 84.2 | 59.4 | 39.0 | 21.8 | 11.7 |
|        | A    | 68.2 | 53.8 | 40.0 | 23.1 | 16.7 | 13.1 | 9.28 | 7.17 | 5.08 | 3.35 | 1.87 | 1.00 |
| 10.50V | W    | 929  | 645  | 481  | 280  | 203  | 159  | 110  | 85.0 | 60.0 | 39.4 | 22.0 | 11.8 |
|        | A    | 74.9 | 56.2 | 41.4 | 23.7 | 17.1 | 13.4 | 9.46 | 7.31 | 5.17 | 3.40 | 1.90 | 1.01 |
| 10.20V | W    | 960  | 664  | 490  | 283  | 205  | 160  | 111  | 85.9 | 60.6 | 39.8 | 22.2 | 11.9 |
|        | A    | 81.7 | 58.5 | 42.6 | 24.2 | 17.4 | 13.6 | 9.59 | 7.40 | 5.23 | 3.43 | 1.92 | 1.02 |
| 10.02V | W    | 978  | 672  | 493  | 284  | 205  | 161  | 112  | 86.3 | 60.9 | 40.0 | 22.3 | 12.0 |
|        | A    | 85.2 | 59.5 | 43.1 | 24.4 | 17.5 | 13.7 | 9.64 | 7.43 | 5.25 | 3.44 | 1.92 | 1.02 |
| 9.60V  | W    | 1026 | 695  | 503  | 286  | 206  | 161  | 114  | 87.6 | 61.9 | 40.6 | 22.7 | 12.1 |
|        | A    | 95.7 | 62.5 | 44.6 | 25.0 | 17.8 | 13.9 | 9.76 | 7.51 | 5.29 | 3.46 | 1.93 | 1.03 |

## 特性 Characteristics

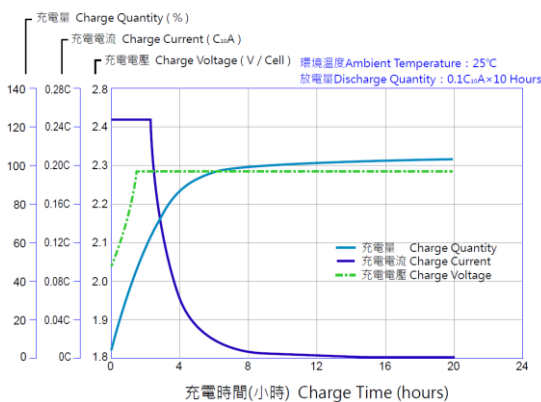
### 放電特性 DISCHARGE CHARACTERISTICS



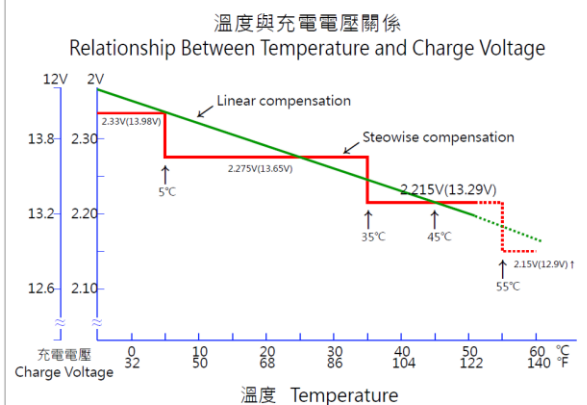
### 浮充期待壽命 Float Service Life



### 充電特性 CHARGE CHARACTERISTICS



### 充電電壓 CHARGE VOLTAGE



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