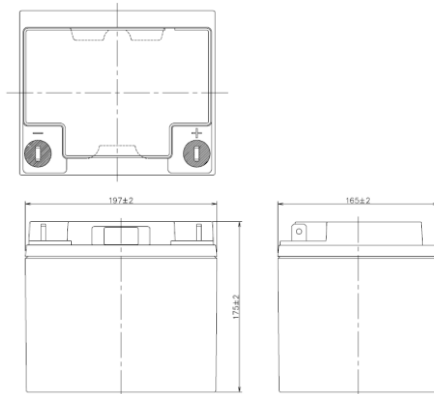




閥調式鉛酸蓄電池(VRLA)
 Valve Regulated Lead Acid Battery

NP40-12

尺寸 DIMENSION



| NP40-12I | | | NP40-12B | | | NP40-12R | | |
|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|
| 正視 Front | 側視 Side | 上視 Top | 正視 Front | 側視 Side | 上視 Top | 正視 Front | 側視 Side | 上視 Top |
| | | | | | | | | |

規範 Specification

- 公稱電壓 Nominal Voltage : 12V
- 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
- 尺寸 Dimension
 - 長度 Length : 197±2mm
 - 寬度 Width : 165±2mm
 - 高度 Case Height : 175±2mm
 - 總高 Overall Height : 175±2mm
- 期待浮充壽命 Expected float use life (25°C) : 3~5 years
- 重量 Weight (約 Approx.) : 14.5 kg
- 容易保養 Easy Maintenance
 - 不會洩漏電解液 No electrolyte leakage
 - 確保操作上安全性 Ensure safe and efficient operation
- 公稱容量 Nominal Capacity : 40AH / 20HR (25°C)
- 電槽材質 Container Material :
 - NP40-12 難燃等級UL94HB Flame class : UL94HB
 - NP40-12FR 難燃等級UL94V0 Flame class : UL94V0
- 內部抵抗 Internal Resistance(Approx.) : 約 8.3 mΩ
- 最大充電電流 Max. Charge current : 10A
- 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
- 5 秒最大放電電流
 - Max. Discharge current in 5 seconds : 400A
- 浮動充電 Float Charging : 13.65±0.15V (25°C)
- 端子 Terminal :
 - 極柱端子Top terminal : 螺絲式 Bolt (M5)

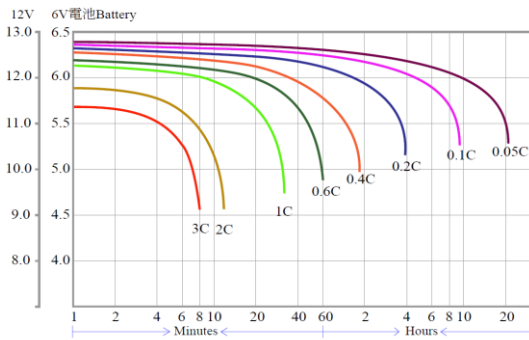
NP40-12 性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25°C (77°F)

| F.V. | TIME | 5M | 10M | 15M | 20M | 30M | 45M | 1H | 2H | 3H | 4H | 5H | 8H | 10H | 20H |
|--------|--------|------|------|------|-----|------|------|------|------|------|-----|------|------|------|------|
| | 10.80V | W | 1492 | 1073 | 841 | 699 | 529 | 395 | 321 | 185 | 134 | 105 | 87.1 | 57.8 | 47.5 |
| | A | 133 | 95 | 74 | 61 | 46.1 | 33.9 | 27.1 | 15.2 | 11.1 | 8.7 | 7.30 | 4.80 | 4.00 | 2.10 |
| 10.50V | W | 1713 | 1195 | 931 | 768 | 575 | 420 | 335 | 191 | 136 | 107 | 88.9 | 59.3 | 48.0 | 25.7 |
| | A | 153 | 106 | 82 | 68 | 51.0 | 36.1 | 28.3 | 15.7 | 11.3 | 8.9 | 7.34 | 4.90 | 4.03 | 2.15 |
| 10.20V | W | 1781 | 1239 | 962 | 792 | 590 | 428 | 339 | 193 | 137 | 108 | 89.4 | 59.5 | 48.5 | 25.9 |
| | A | 159 | 110 | 85 | 69 | 51.4 | 36.7 | 28.6 | 15.9 | 11.4 | 9.0 | 7.40 | 5.00 | 4.06 | 2.17 |
| 9.60V | W | 1848 | 1284 | 997 | 820 | 610 | 442 | 349 | 198 | 141 | 110 | 90.9 | 59.9 | 48.9 | 26.2 |
| | A | 165 | 114 | 88 | 72 | 53.2 | 37.9 | 29.5 | 16.3 | 11.6 | 9.1 | 7.60 | 5.10 | 4.10 | 2.20 |

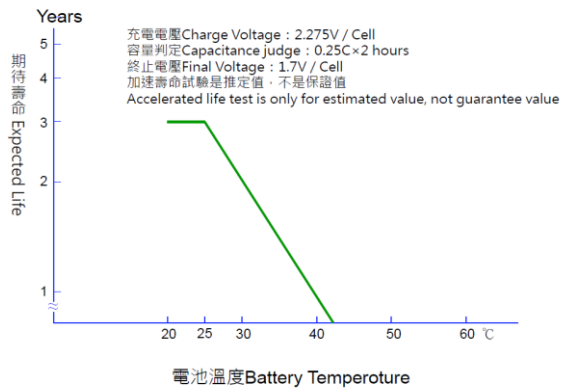
特性 Characteristics

放電特性 DISCHARGE CHARACTERISTICS

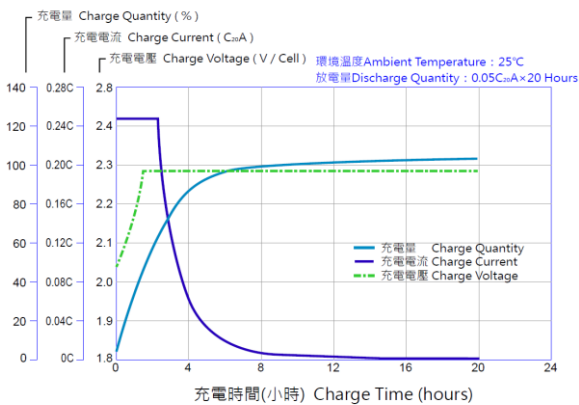
放電曲線 Discharge Characteristics Curves at 25°C



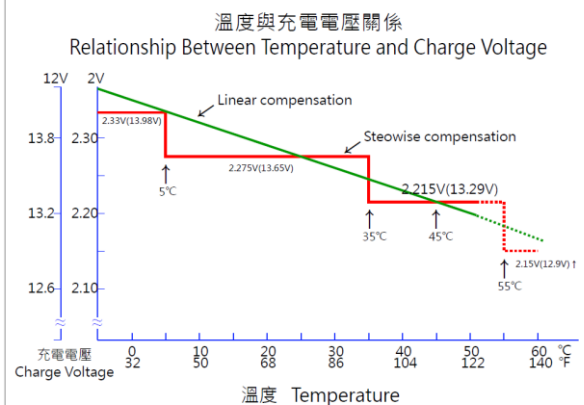
浮充期待壽命 Float Service Life



充電特性 CHARGE CHARACTERISTICS



充電電壓 CHARGE VOLTAGE



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