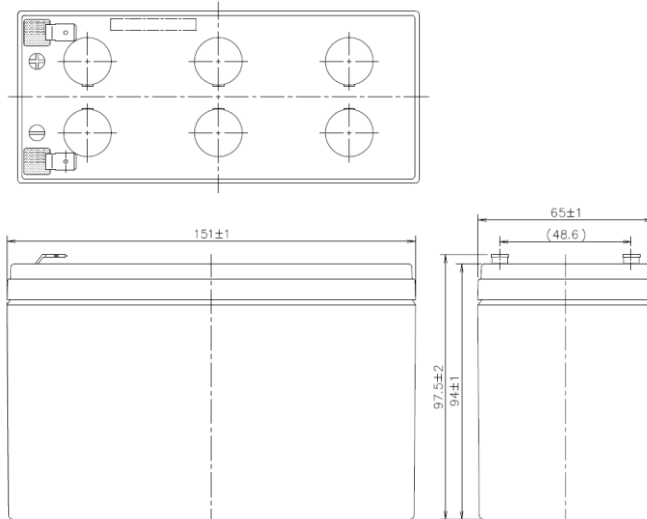




閥調式鉛酸蓄電池(VRLA)
Valve Regulated Lead Acid Battery

RE7-12

尺寸 DIMENSION



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 : 151±1mm
 - 寬度 Width : 65±1mm
 - 高度 Case Height : 94±1mm
 - 總高 Overall Height : 97.5±2mm
- 期待浮充壽命 Expected float use life (25°C) : 5~7 years
- 重量 Weight (約 Approx.) : 2.5 kg
- 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
- 公稱容量 Nominal Capacity : 7AH / 20HR (25°C)
- 電槽材質 Container Material :
 - 難燃等級UL94V0 Flame class : UL94V0
- 內部抵抗 Internal Resistance(Approx.) : 約 19.3 mΩ
- 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
- 最大充電電流 Max. Charge current : 1.75A
- 5秒最大放電電流
 - Max. Discharge current in 5 seconds : 105A
- 浮動充電 Float Charging : 13.65±0.15V (25°C)
- 端子 Terminal :
 - 插入式端子 Faston tab : 250

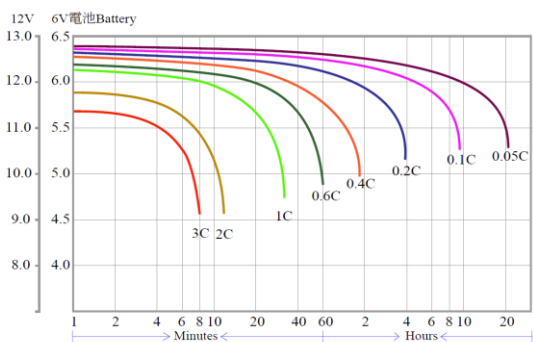
RE7-12 性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25 °C (77 °F)

| F.V. | TIME | 3M | 5M | 6M | 8M | 10M | 15M | 30M | 1H | 2H | 3H | 5H | 10H | 20H |
|--------|------|--------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 10.80V | W | 355 | 297 | 277 | 233 | 208 | 159 | 96.2 | 55.5 | 30.5 | 21.8 | 14.3 |
| | A | 32.2 | 26.6 | 24.7 | 20.8 | 18.5 | 13.7 | 8.21 | 4.67 | 2.56 | 1.83 | 1.20 | 0.63 | 0.34 |
| 10.50V | W | 374 | 313 | 293 | 246 | 220 | 164 | 98.7 | 56.4 | 31.0 | 22.1 | 14.6 | 7.70 | 4.16 |
| | A | 34.5 | 28.3 | 26.2 | 22.1 | 19.6 | 14.2 | 8.43 | 4.74 | 2.60 | 1.86 | 1.22 | 0.64 | 0.35 |
| 10.20V | W | 424 | 336 | 305 | 257 | 224 | 166 | 99.6 | 56.7 | 31.2 | 22.3 | 14.7 | 7.76 | 4.20 |
| | A | 39.9 | 30.7 | 27.5 | 23.2 | 19.9 | 14.4 | 8.50 | 4.77 | 2.62 | 1.87 | 1.23 | 0.65 | 0.35 |
| 10.02V | W | 432 | 340 | 309 | 260 | 226 | 168 | 100 | 57.1 | 31.4 | 22.4 | 14.7 | 7.79 | 4.21 |
| | A | 40.7 | 31.1 | 27.8 | 23.4 | 20.1 | 14.5 | 8.56 | 4.80 | 2.63 | 1.88 | 1.24 | 0.65 | 0.35 |
| 9.60V | W | 447 | 349 | 316 | 266 | 230 | 170 | 101 | 57.8 | 31.7 | 22.6 | 14.9 | 7.84 | 4.23 |
| | A | 42.1 | 32.0 | 28.5 | 24.0 | 20.5 | 14.7 | 8.69 | 4.87 | 2.65 | 1.89 | 1.24 | 0.65 | 0.35 |

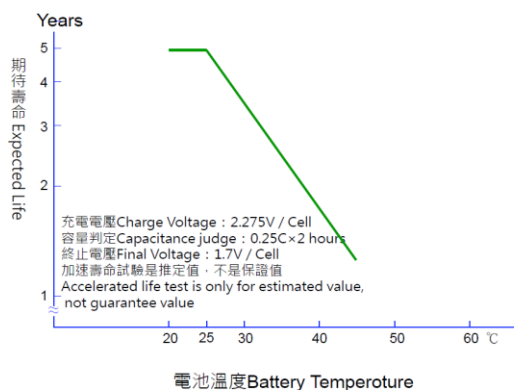
特性 Characteristics

放電特性 DISCHARGE CHARACTERISTICS

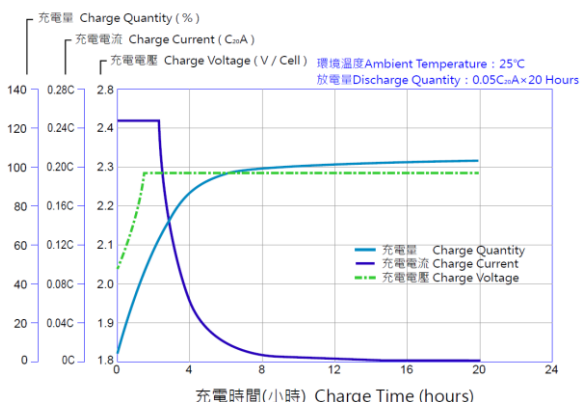
放電曲線 Discharge Characteristics Curves at 25°C



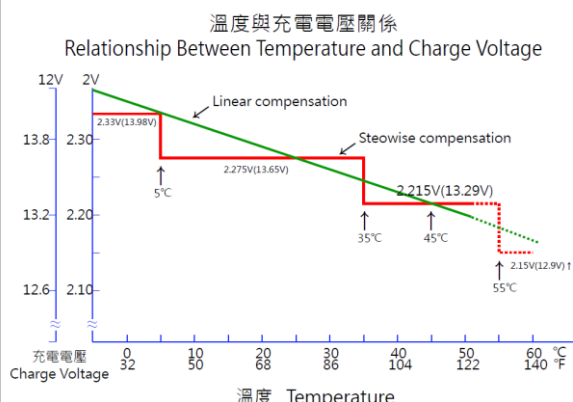
浮充期待壽命 Float Service Life



充電特性 CHARGE CHARACTERISTICS



充電電壓 CHARGE VOLTAGE



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