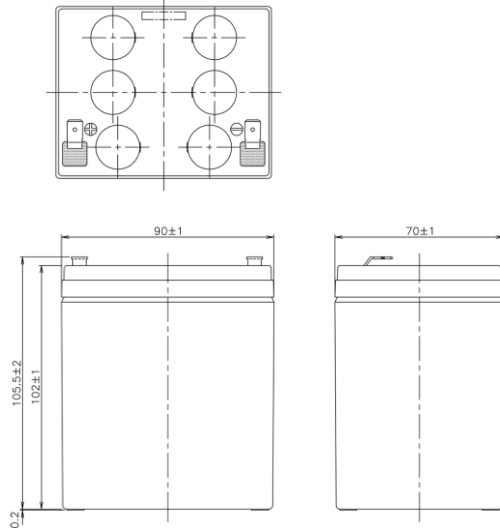


## NP4-12

### 尺寸 DIMENSION



### 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 : 90±1mm</li> <li>寬度 Width : 70±1mm</li> <li>高度 Case Height : 102±1mm</li> <li>總高 Overall Height : 105.5±2mm</li> </ul> </li> <li>☑ 重量 Weight (約 Approx.) : 1.6 kg</li> <li>☑ 公稱容量 Nominal Capacity : 4AH / 20HR (25°C)</li> <li>☑ 內部抵抗 Internal Resistance(Approx.) : 約 34.2 mΩ</li> <li>☑ 最大充電電流 Max. Charge current : 1A</li> <li>☑ 5 秒最大放電電流 Max. Discharge current in 5 seconds : 60A</li> <li>☑ 浮動充電 Float Charging : 13.65±0.15V (25°C)</li> <li>☑ 端子 Terminal : 插入式端子 Faston tab : 187/250</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%; border-collapse: collapse;"> <tr> <td style="width: 30%;">NP4-12</td> <td style="width: 40%;">難燃等級 UL94HB</td> <td style="width: 30%;">Flame class : UL94HB</td> </tr> <tr> <td>NP4-12FR</td> <td>難燃等級 UL94V0</td> <td>Flame class : UL94V0</td> </tr> </table> </li> <li>☑ 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</li> </ul>	NP4-12	難燃等級 UL94HB	Flame class : UL94HB	NP4-12FR	難燃等級 UL94V0	Flame class : UL94V0
NP4-12	難燃等級 UL94HB	Flame class : UL94HB					
NP4-12FR	難燃等級 UL94V0	Flame class : UL94V0					

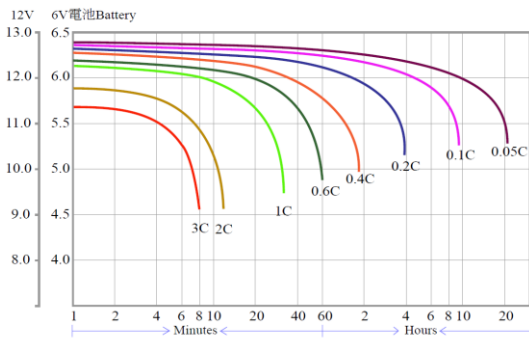
# NP4-12 性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25 °C ( 77 °F )

TIME		3M	5M	6M	8M	10M	15M	30M	1H	2H	3H	5H	10H	20H
F.V.														
10.80V	W	199	165	154	129	115	88.9	54.0	31.3	17.7	12.7	8.53	4.53	2.49
	A	17.8	14.6	13.5	11.4	10.1	7.6	4.5	2.63	1.49	1.06	0.71	0.37	0.20
10.50V	W	216	175	161	136	119	91.0	55.0	31.7	17.9	12.8	8.61	4.57	2.50
	A	19.6	15.7	14.4	12.1	10.6	7.8	4.6	2.66	1.50	1.07	0.71	0.38	0.20
10.20V	W	234	184	167	141	122	92.3	55.5	31.8	18.0	12.9	8.64	4.59	2.50
	A	21.6	16.7	15.0	12.6	10.9	8.0	4.7	2.68	1.50	1.07	0.71	0.38	0.20
10.02V	W	238	187	169	143	124	92.9	55.7	31.9	18.0	12.9	8.65	4.59	2.50
	A	22.1	17.0	15.2	12.8	11.0	8.0	4.7	2.68	1.50	1.07	0.71	0.38	0.20
9.60V	W	243	190	172	144	125	93.6	56.0	32.0	18.1	12.9	8.67	4.60	2.51
	A	22.8	17.3	15.4	13.0	11.1	8.0	4.7	2.69	1.52	1.08	0.72	0.38	0.20

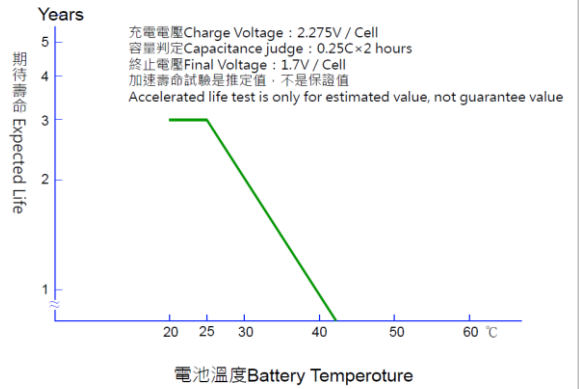
## 特性 Characteristics

### 放電特性 DISCHARGE CHARACTERISTICS

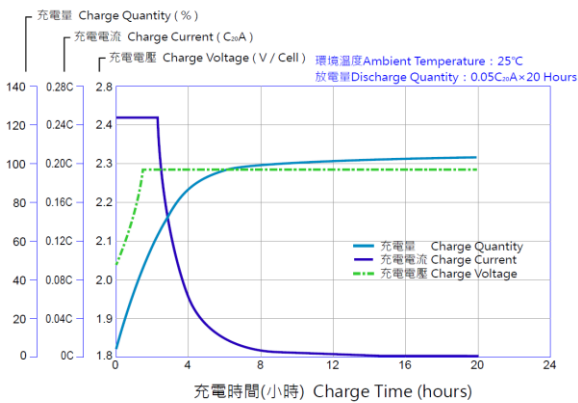
放電曲線 Discharge Characteristics Curves at 25°C



### 浮充期待壽命 Float Service Life



### 充電特性 CHARGE CHARACTERISTICS



### 充電電壓 CHARGE VOLTAGE

