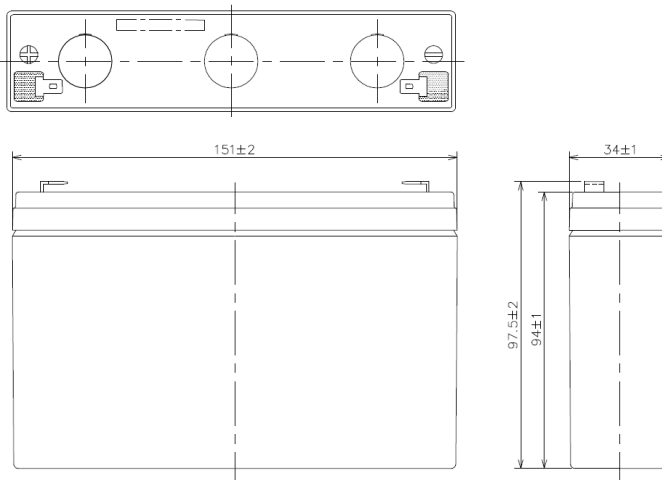




閥調式鉛酸蓄電池(VRLA)  
 Valve Regulated Lead Acid Battery

NPW45-6

尺寸 DIMENSION



規範 Specification

- 公稱電壓 Nominal Voltage : 6V
- 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±2mm
  - 寬度 Width : 34±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 ) : 3~5 years
- 重量 Weight (約 Approx.) : 1.3 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 : 45W / Cell ( 10Min )  
7.5AH / 20HR ( 25°C )
- 電槽材質 Container Material :
 

NPW45-6	難燃等級UL94HB	Flame class : UL94HB
NPW45-6FR	難燃等級UL94V0	Flame class : UL94V0
- 內部抵抗 Internal Resistance(Approx.) : 約 8.4 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 : 1.875A
- 5 秒最大放電電流
  - Max. Discharge current in 5 seconds : 112.5A
- 浮動充電 Float Charging : 6.83±0.08V ( 25°C )
- 端子 Terminal :
  - 插入式端子 Faston tab : 250

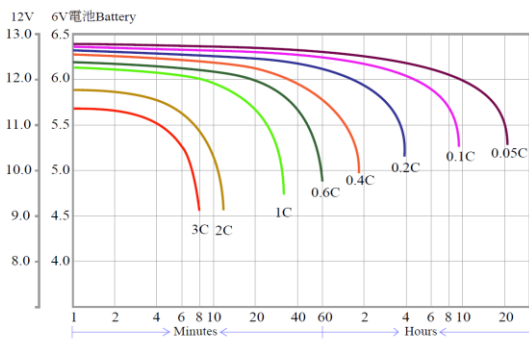
**NPW45-6 性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25 °C ( 77 °F )**

F.V.	TIME	3M	5M	6M	8M	10M	15M	30M	1H	2H	3H	5H	10H	20H
		W	A	W	A	W	A	W	A	W	A	W	A	W
5.40V	W	239	188	170	143	124	89	52.3	29.1	15.7	11.2	7.34	3.84	2.13
	A	43	33	30.0	25.2	21.7	15.3	8.8	4.90	2.66	1.90	1.24	0.65	0.37
5.25V	W	260	199	178	150	128	91	53.1	29.4	16.0	11.4	7.53	3.95	2.14
	A	45	34	31.2	26.3	22.5	15.6	9.0	4.95	2.68	1.92	1.25	0.66	0.375
5.10V	W	281	210	185	156	132	92	53.8	29.6	16.2	11.5	7.60	3.99	2.15
	A	50	37	32.7	27.5	23.0	15.9	9.1	4.99	2.70	1.93	1.26	0.66	0.375
5.01V	W	287	213	188	158	133	94	54.6	30.1	16.4	11.7	7.69	4.04	2.17
	A	52	38	33.3	28.0	23.4	16.1	9.2	5.07	2.74	1.95	1.27	0.67	0.38
4.80V	W	293	217	190	160	135	95	55.4	30.6	16.6	11.8	7.78	4.08	2.20
	A	54	39	33.8	28.5	23.6	16.3	9.4	5.15	2.77	1.98	1.29	0.67	0.38

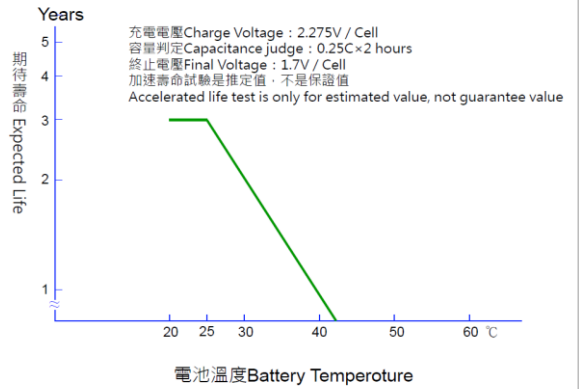
**特性 Characteristics**

**放電特性 DISCHARGE CHARACTERISTICS**

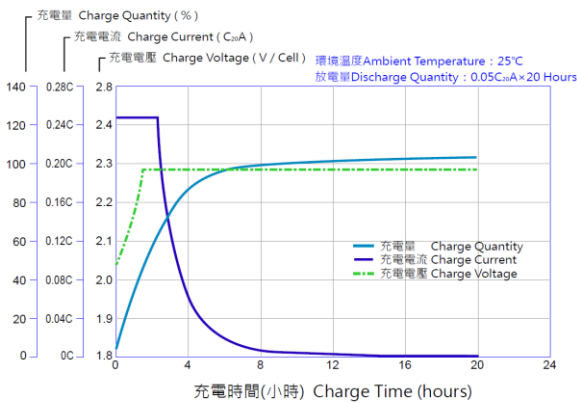
放電曲線 Discharge Characteristics Curves at 25°C



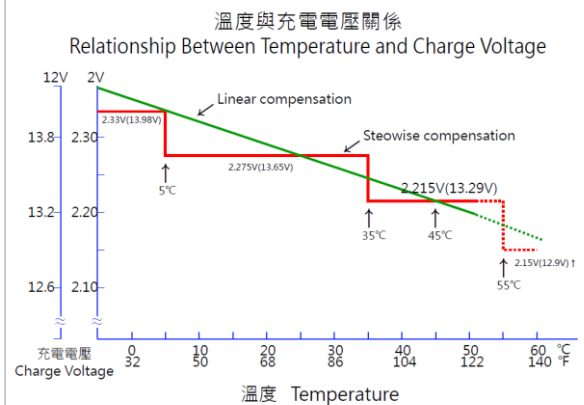
**浮充期待壽命 Float Service Life**



**充電特性 CHARGE CHARACTERISTICS**



**充電電壓 CHARGE VOLTAGE**



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