

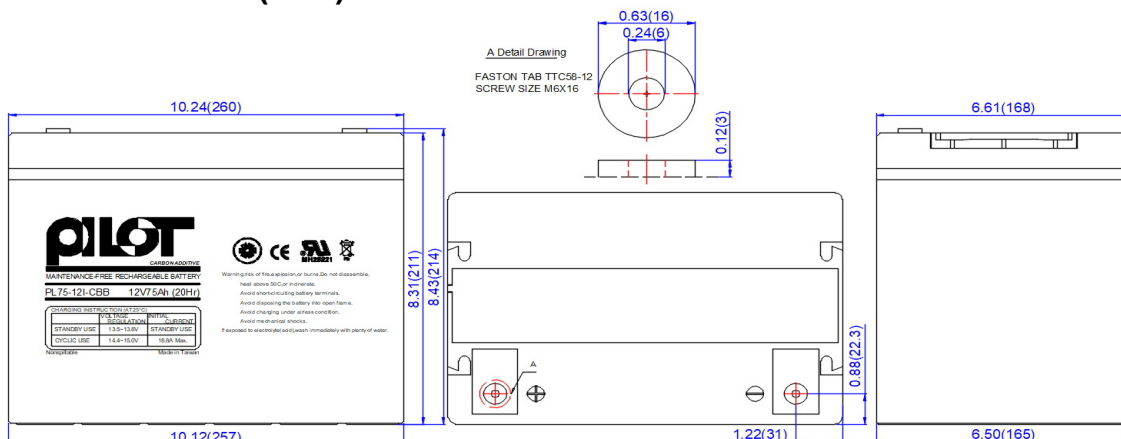
### 規格Specification

額定電壓 Rated Voltage	12V	
額定容量 Rated Capacity	75AH/20Hr/10.5V	端子 Terminal: 螺栓(M6 Bolt)
尺寸 Dimension	長度 Length	260±1mm(10.24in)
	寬度 Width	168±1mm(6.61in)
	高度 Height	211±1mm(8.31in)
	總高度 Total Height	214±1mm(8.43in)
重量 Weight		23.3kg(51.26Pounds)
電槽材質 Container Material	ABS, UL 94V-0 or UL 94-HB 抗酸、抗油、防震 Resist acid, resist oil, resist vibration	氧氣指數 Index of oxygen L.O.I>28%
電解液型式 Type of electrolyte	AGM 不外漏 Non-spillable	

### 特性 Properties

容量 Capacity 25°C(77°F)	20 小時率 20HR of	3.75A to 10.5V	75.0AH
	5 小時率 5HR of	13.5A to 10.5V	67.5AH
	1 小時率 1HR of	54.0A to 10.5V	54.0AH
	0.5 小時率 0.5HR of	87.0A to 10.5V	43.5AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.5.5mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(20HR to 78.8AH)
	25°C(77°F)		100%(20HR to 75.0AH)
	0°C(32°F)		85%(20HR to 63.8AH)
	-20°C(-4°F)		60%(20HR to 51.0AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			750A(10CA)
浮充 Float Charging	電壓 Voltage	13.65±0.15V 25°C(77°F)	
	電流 Current	22.50A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	14.70±0.30V 25°C(77°F)	
	電流 Current	18.75A(0.25CA)	
操作溫度 Operation Temperature Range	充電 Charge/放置 Storage: -15~50°C(5~122°F), 放電 Discharge: -20~50°C(-4~122°F)		
期待壽命 Expected Life	25°C(77°F) 8~10 years		
性能特點 Performance characteristics	<p>擁有超級電容瞬間大容量充電的優點，也發揮了鉛酸電池的比能量優勢，且非常好的充電性能，優異的低溫啟動能力，更長的循環壽命。</p> <p>Has the advantages of instantaneous supercapacitor charging capacity, but also play a lead-acid batteries than the energy advantages, and very good charging performance, excellent low temperature start-up ability, longer cycle life.</p>		

### 尺寸 Dimension: inch (mm)



## Performance specification Amperes and watts per battery at 25°C (77°F)

F.V.	Time Item	Minutes										Hours							
		5	10	15	20	25	30	35	40	45	1	2	3	4	5	8	10	20	
1.60 (9.60)	A	251.3	185.3	150.0	132.0	110.3	99.0	89.3	83.3	75.8	57.8	33.3	23.3	18.3	14.9	9.9	8.5	4.7	
	W	2638	1945	1650	1452	1268	1139	1026	957	871	664	390	273	214	178	116	102	56	
1.65 (9.90)	A	230.3	171.0	141.0	123.0	104.3	93.0	84.8	78.0	71.3	56.3	32.9	23.0	17.9	14.6	9.7	8.3	4.6	
	W	2418	1796	1551	1353	1199	1070	975	897	819	647	384	269	210	176	113	100	55	
1.70 (10.2)	A	221.3	165.8	132.8	115.5	99.8	89.3	81.0	73.5	69.8	54.8	32.0	22.5	17.3	14.3	9.5	7.8	4.4	
	W	2323	1740	1460	1271	1147	1026	932	845	802	630	375	263	202	172	111	94	52	
1.75 (10.5)	A	209.3	145.5	123.8	109.5	95.3	87.0	78.0	71.3	66.0	54.0	30.4	21.1	16.4	13.5	9.4	7.5	4.2	
	W	2197	1528	1361	1205	1095	1001	897	819	759	621	355	247	192	162	109	90	50	
1.80 (10.8)	A	189.8	132.0	113.3	100.5	90.8	81.0	74.3	68.3	64.5	51.8	29.2	20.9	16.1	13.1	8.8	7.4	4.1	
	W	1992	1386	1246	1106	1044	932	854	785	742	595	341	244	188	158	105	88	49	
1.83 (10.98)	A	174.8	104.3	96.8	84.0	77.3	72.0	64.5	57.8	55.5	49.5	28.7	19.7	15.2	12.3	8.6	6.8	3.8	
	W	1835	1095	1064	924	888	828	742	664	638	569	336	231	178	148	103	82	46	

### 用途 Application

- ☆廣播電視系統  
Broadcast television systems
- ☆UPS 緊急備用電源  
UPS emergency backup power
- ☆通信系統  
Communication back-up systems
- ☆電力系統  
Power systems
- ☆緊急照明器材  
Emergency lighting equipment
- ☆防火、保全系統  
Fire, security systems

### 密閉結構 Seal construction

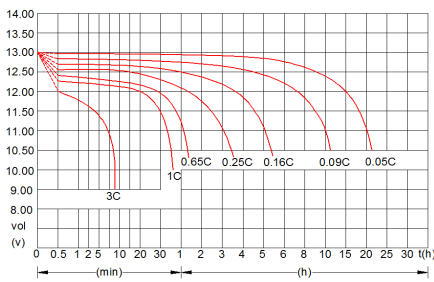
- ☆沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質  
The polarities adopted Antimony-Lead alloy or copper alloy covered with Lead material.

### 穩定性 Stabilities

- ☆正負極板是鉛銀合金  
Positive and negative plates are lead silver alloy.
- ☆塑殼是防火 ABS 或等級是 UL 94V-0 L.O.I.>28%
- The plastic material is fire-resistance ABS or same grade of UL 94V-0 L.O.I.>28%
- ☆組立用螺絲採用 M6 螺絲，扭力從 5N-m 至 8N-m(最大)採用不銹鋼材質，堅固耐用。  
Assembling screws using M6 screws, torque from 5N-m to 8N-m (maximum) made of stainless steel, durable.

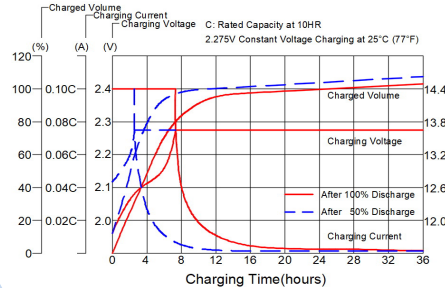
### 放電特性(25°C)

Discharge characteristic at different rates(25°C)



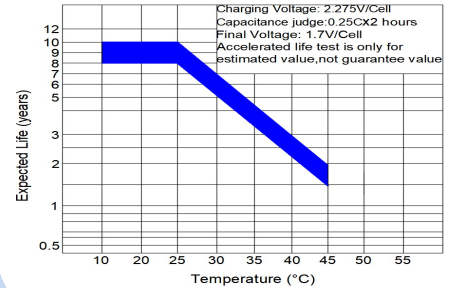
### 定電壓充電(25°C)

Charging Characteristics



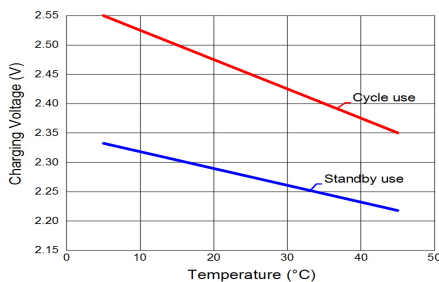
### 壽命與溫度關係

Accelerated Life Characteristic



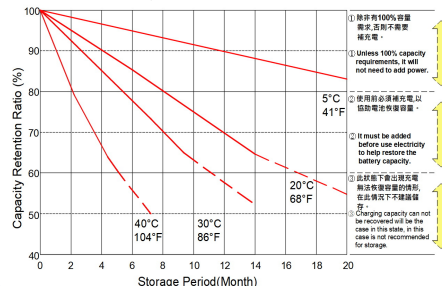
### 溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



### 容量保持特性

Capacity Retention Characteristics



### 壽命循環關係

Cycle Service Life

