

閥調式鉛酸蓄電池(VRLA)

PL75-12I (12V75AH)

規格 Type

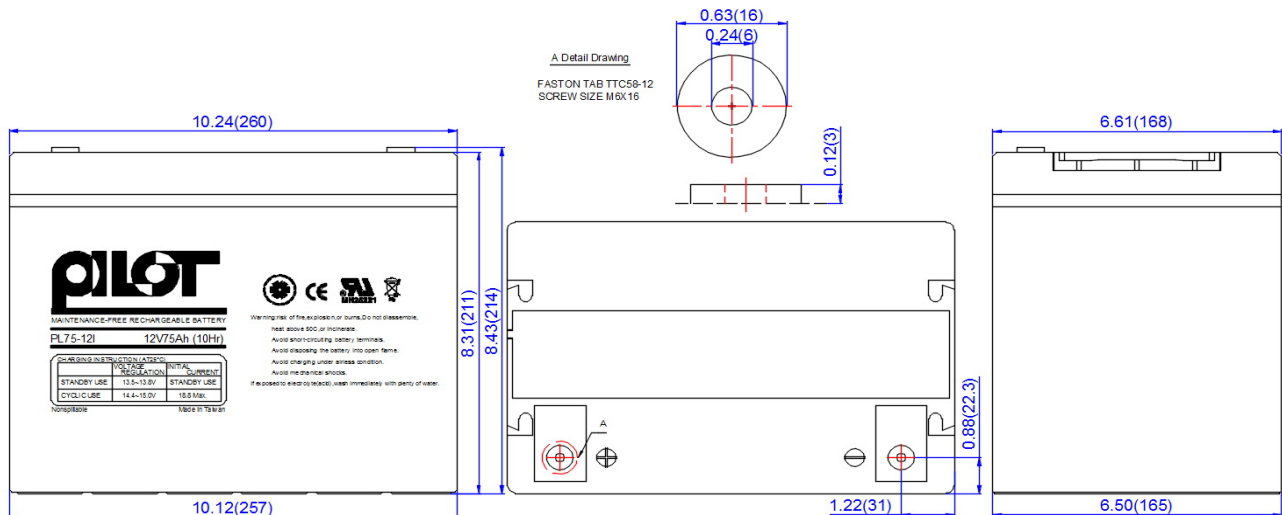
額定電壓 Rated Voltage	12V	
額定容量 Rated Capacity	75AH/10Hr/10.5V	端子 Terminal: 螺栓(M6 Bolt)
尺寸 Dimension	長度 Length	260±3mm(10.24in)
	寬度 Width	168±3mm(6.61in)
	高度 Height	211±3mm(8.31in)
	總高度 Total Height	214±3mm(8.43in)
重量 Weight	23.3kg(51.26Pounds)	
電槽材質 Container Material	ABS, UL 94V-0 or UL 94-HB 抗酸、抗油、防震 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)	10 小時率 10HR of 7.5A 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%(10HR to 78.8AH)
	25°C (77°F)	100%(10HR to 75.0AH)
	0°C (32°F)	85%(10HR to 63.8AH)
	-20°C (-4°F)	60%(10HR to 51.0AH)
自我放電 Self-discharge	180 天後不到 20%，可以在 20°C (68°F) 下保存 6 個月；使用前需要完全充電。 Less than 20% after 180 days, it can be stored at 20°C (68°F) for 6 months; it needs to be fully charged before use.	
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:-15~40°C (5~104°F) · 放電 Discharge:-20~50°C (-4~122°F)	
期待壽命 Expected Life	25°C (77°F) 6~8 years	

尺寸 Dimension: inch (mm)



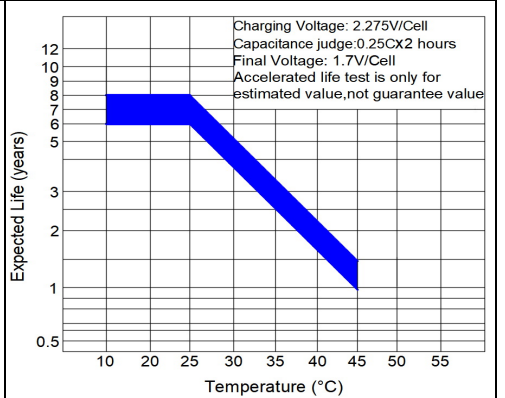
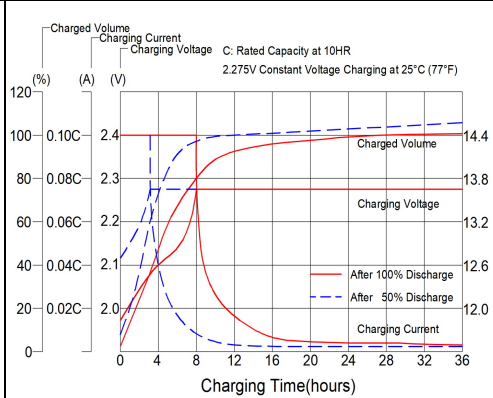
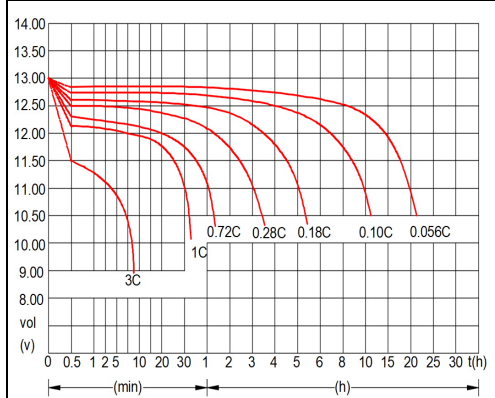
PL75-12I PROPERTIES

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

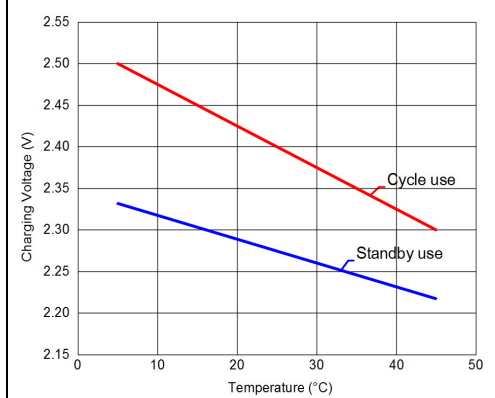
F.V.	Time	Minutes									Hours							
	Item	5	10	15	20	25	30	35	40	45	1	2	3	4	5	8	10	20
1.60 (9.60)	A	251.3	185.3	150.0	132.0	110.3	99.0	89.3	83.3	75.8	57.8	33.3	23.3	18.3	14.9	9.9	8.5	4.7
	W	2638	1945	1650	1452	1268	1139	1026	957	871	664	390	273	214	178	116	102	56
1.65 (9.90)	A	230.3	171.0	141.0	123.0	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 (10.20)	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 (10.50)	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 (10.80)	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	密封結構 Seal construction	穩定性 Stabilities
<ul style="list-style-type: none"> ☆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 	<ul style="list-style-type: none"> ☆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% ☆端子採用合金銅鍍錫材質 Terminals are tin-plated copper alloy material. 	<ul style="list-style-type: none"> ☆正負極板是鉛鈣合金 Positive, negative's plates are all Calcium-Lead 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.

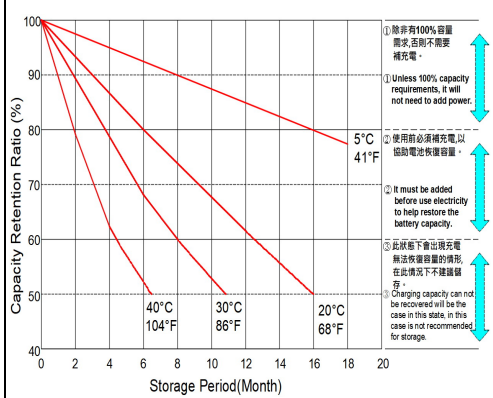
放電特性(25°C) Discharge characteristic at different rates(25°C)	定電壓充電(25°C) Charging Characteristics	浮充期待壽命 Float Service Life
---	---	------------------------------



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

