

閥調式鉛酸蓄電池(VRLA)

PL9-12 (12V9AH)

規格 Type

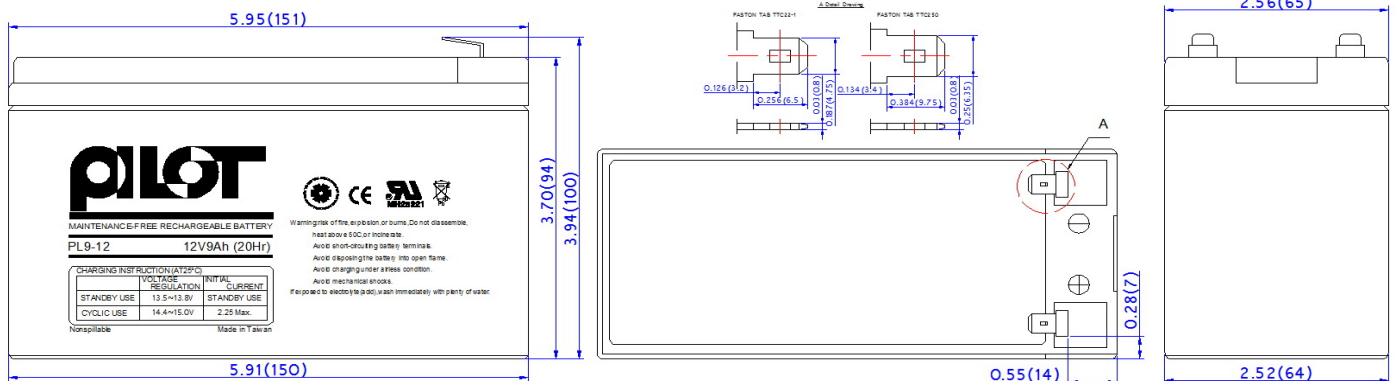
額定電壓 Rated Voltage	12V	
額定容量 Rated Capacity	9.0AH/20Hr/10.5V	
尺寸 Dimension	長度 Length	151±1mm(5.95in)
	寬度 Width	65±1mm(2.56in)
	高度 Height	94±1mm(3.70in)
	總高度 Total Height	100±1mm(3.94in)
重量 Weight	2.47kg(5.434Pounds)	
電槽材質 Container Material	ABS,UL 94V-0 or UL 94-HB 抗酸、抗油、防震 Resist acid, resist oil, resist 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 0.45A to 10.5V	9.00AH
	5 小時率 5HR of 1.46A to 10.5V	7.30AH
	1 小時率 1HR of 5.85A to 10.5V	5.85AH
	0.5 小時率 0.5HR of 9.45A to 10.5V	4.73AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C (77°F)	大約 Approx. 16.0mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C (104°F)	105%(20HR to 9.45AH)
	25°C (77°F)	100%(20HR to 9.00AH)
	0°C (32°F)	85%(20HR to 7.65AH)
	-20°C (-4°F)	60%(20HR to 5.40AH)
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	135.0A(15CA)	
浮充 Float Charging	電壓 Voltage	13.65±0.15V 25°C (77°F)
	電流 Current	2.70A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	14.70±0.30V 25°C (77°F)
	電流 Current	2.25A(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) 3~5 years	

尺寸 Dimension: inch (mm)



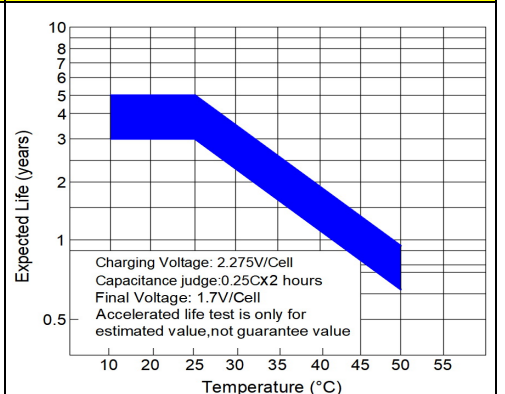
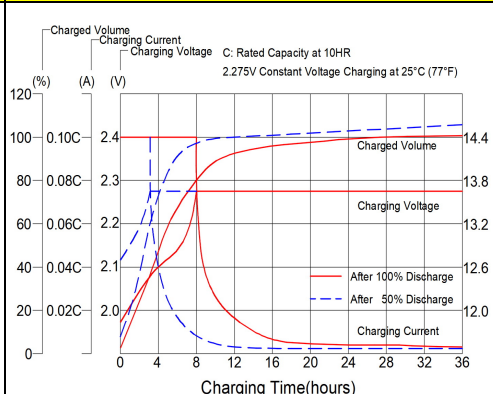
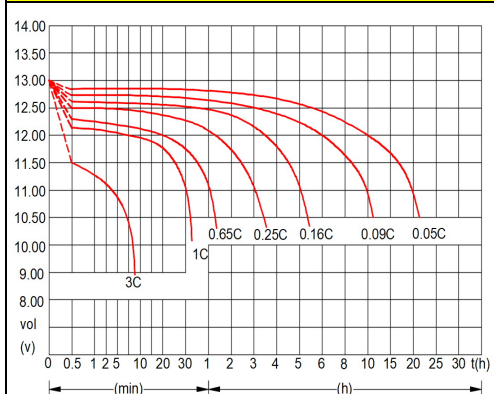
PL9-12 PROPERTIES

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

F.V.	Time	Minutes										Hours							
	Item	1	5	10	15	20	25	30	35	40	45	1	2	3	4	5	8	10	20
1.60 (9.60)	A	42.84	27.18	20.07	16.29	14.31	11.97	10.71	9.72	9.00	8.19	6.30	3.60	2.52	1.98	1.60	1.05	0.92	0.50
	W	450	285	211	179	157	138	123	112	104	94	72.5	42.1	29.5	23.2	19.2	12.6	11.0	6.0
1.65 (9.90)	A	37.71	24.93	18.54	15.30	13.32	11.34	10.08	9.18	8.46	7.74	6.12	3.56	2.49	1.94	1.58	1.02	0.90	0.50
	W	396	262	195	168	147	130	116	106	97	89	70.4	41.6	29.1	22.6	19.0	12.3	10.8	5.9
1.70 (10.20)	A	34.20	23.94	17.19	14.40	12.51	10.80	9.72	8.82	8.01	7.56	5.94	3.47	2.43	1.87	1.55	1.00	0.85	0.47
	W	359	251	180	158	138	124	112	101	92	87	68.3	40.5	28.4	21.8	18.6	12.0	10.2	5.6
1.75 (10.50)	A	29.97	22.68	15.75	13.41	11.88	10.35	9.45	8.46	7.74	7.20	5.85	3.29	2.28	1.78	1.46	0.98	0.81	0.45
	W	315	238	165	148	131	119	109	97	89	83	67.3	38.4	26.7	20.8	17.5	11.7	9.7	5.4
1.80 (10.80)	A	26.55	20.52	14.31	12.24	10.89	9.81	8.82	8.10	7.38	7.02	5.67	3.15	2.25	1.73	1.42	0.95	0.79	0.44
	W	279	215	150	135	120	113	101	93	85	81	65.2	36.9	26.3	20.3	17.1	11.3	9.5	5.3
1.83 (10.98)	A	24.75	18.90	11.34	10.53	9.09	8.37	7.83	7.02	6.30	6.03	5.40	3.11	2.13	1.64	1.33	0.92	0.74	0.41
	W	260	198	119	116	100	96	90	81	72	69	62.1	36.3	24.9	19.2	16.0	11.1	8.9	5.0

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%

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
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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
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