

閥調式鉛酸蓄電池(VRLA)

PL17-12 (12V17AH)

規格 Type

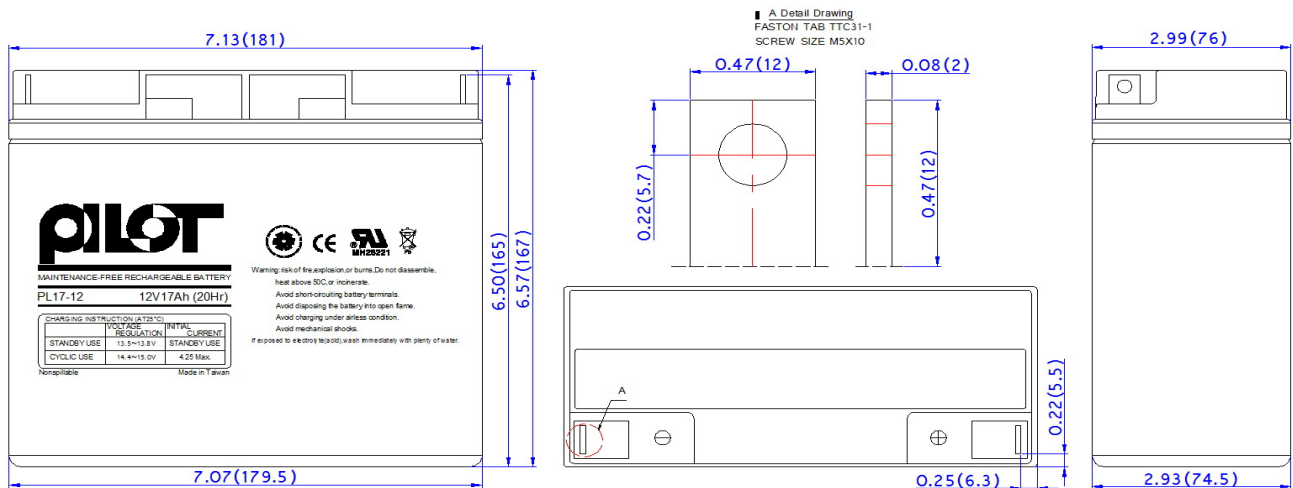
額定電壓 Rated Voltage	12V	
額定容量 Rated Capacity	17AH/20Hr/10.5V	端子 Terminal: 螺栓(M5 Bolt)
尺寸 Dimension	長度 Length	181±1mm(7.31in)
	寬度 Width	76±1mm(2.99in)
	高度 Height	167±1mm(6.57in)
	總高度 Total Height	167±1mm(6.57in)
重量 Weight	5.4kg(11.88Pounds)	
電槽材質 Container Material	ABS,UL 94V-0 or UL 94-HB 抗酸、抗油、防震 Resist 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 0.85A to 10.5V	17.0AH
	5 小時率 5HR of 2.75A to 10.5V	13.8AH
	1 小時率 1HR of 11.05A to 10.5V	11.1AH
	0.5 小時率 0.5HR of 17.85A to 10.5V	8.9AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.12.0mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(20HR to 17.8AH)
	25°C(77°F)	100%(20HR to 17.0AH)
	0°C(32°F)	85%(20HR to 14.5AH)
	-20°C(-4°F)	60%(20HR to 10.2AH)
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	255.0A(15CA)	
浮充 Float Charging	電壓 Voltage	13.65±0.15V 25°C(77°F)
	電流 Current	5.10A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	14.70±0.30V 25°C(77°F)
	電流 Current	4.25A(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)



PL17-12 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	80.92	51.34	37.91	30.77	27.03	22.61	20.23	18.36	17.00	15.47	11.90	6.80	4.76	3.74	3.03	1.98	1.73	0.95
	W	850	539	398	338	297	260	233	211	196	178	137	80	56	44	36	24	21	11
1.65 (9.90)	A	71.23	47.09	35.02	28.90	25.16	21.42	19.04	17.34	15.98	14.62	11.56	6.72	4.70	3.66	2.99	1.93	1.70	0.94
	W	748	494	368	318	277	246	219	199	184	168	133	79	55	43	36	23	20	11
1.70 (10.20)	A	64.60	45.22	32.47	27.20	23.63	20.40	18.36	16.66	15.13	14.28	11.22	6.55	4.59	3.53	2.92	1.89	1.60	0.88
	W	678	475	341	299	260	235	211	192	174	164	129	77	54	41	35	23	19	11
1.75 (10.50)	A	56.61	42.84	29.75	25.33	22.44	19.55	17.85	15.98	14.62	13.60	11.05	6.21	4.31	3.36	2.75	1.85	1.53	0.85
	W	594	450	312	279	247	225	205	184	168	156	127	73	50	39	33	22	18	10
1.80 (10.80)	A	50.15	38.76	27.03	23.12	20.57	18.53	16.66	15.30	13.94	13.26	10.71	5.95	4.25	3.27	2.69	1.79	1.50	0.83
	W	527	407	284	254	226	213	192	176	160	152	123	70	50	38	32	21	18	10
1.83 (10.98)	A	46.75	35.70	24.42	19.89	17.17	15.81	14.79	13.26	11.90	11.39	10.20	5.87	4.02	3.10	2.52	1.74	1.39	0.78
	W	491	375	225	219	189	182	170	152	137	131	117	69	47	36	30	21	17	9

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 M5 螺絲，扭力從 3N-m 至 5N-m(最大)採用不銹鋼材質，堅固耐用。 Assembling screws using M5 screws, torque from 3N-m to 5N-m (maximum) made of stainless steel, durable.

