

閥調式鉛酸蓄電池(VRLA)

PMU250 (2V250AH)

規格 Type

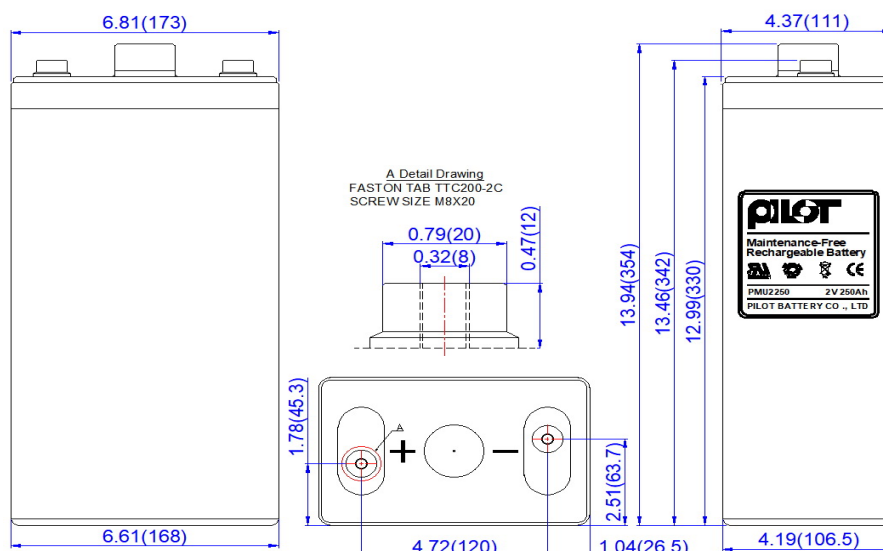
額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	250.0AH/10Hr/1.80V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	173±1mm(6.81in)
	寬度 Width	111±1mm(4.37in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	363±1mm(14.29in)
重量 Weight	14.3kg(31.46Pounds)	
電槽材質 Container Material	ABS, UL 94V-0 or UL 94-HB 抗酸、抗油、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 25.0A to 1.80V	250.0AH
	5 小時率 5HR of 42.5A to 1.80V	212.5AH
	1 小時率 1HR of 132.5A to 1.80V	132.5AH
	0.5 小時率 0.5HR of 195.0A to 1.80V	97.5AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.0.58mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(10HR to 263AH)
	25°C(77°F)	100%(10HR to 250AH)
	0°C(32°F)	85%(10HR to 213AH)
	-20°C(-4°F)	60%(10HR to 150AH)
自我放電 Self-discharge	180 天後不到 15%，可以在 20°C (68°F) 下保存 10 個月； 使用前需要完全充電。 Less than 15% after 180 days, it can be stored at 20°C (68°F) for 10 months; it needs to be fully charged before use.	
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec	1125.0A(4.5CA)	
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)
	電流 Current	75.00A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)
	電流 Current	62.50A(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) 10~12 years	

尺寸 Dimension: inch (mm)



PMU2250 PROPERTIES

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

F.V.	Time	Minutes				Hours						
	Item	30	35	40	45	1	2	3	4	5	8	10
1.60	A	268.8	245.0	225.0	200.0	162.0	96.0	71.5	57.0	47.8	33.8	27.8
	W	479	447	412	368	302	183	137	109	92	65	54
1.65	A	255.8	230.0	210.0	190.0	157.8	92.5	68.5	55.0	47.3	33.0	27.3
	W	468	423	388	353	296	177	132	106	92	64	53
1.70	A	248.8	220.0	202.5	185.0	152.0	91.0	67.0	54.5	46.5	32.0	26.5
	W	458	406	378	349	287	174	129	105	90	62	52
1.75	A	215.5	210.0	190.0	175.0	140.0	88.0	66.3	53.5	45.0	31.3	26.0
	W	400	393	356	329	265	169	128	104	79	61	51
1.80	A	195.0	187.5	180.0	162.5	132.5	82.0	62.5	51.0	42.5	30.0	25.0
	W	363	351	338	307	253	158	121	99	82	59	49
1.83	A	175.0	162.5	150.0	137.5	122.0	77.5	58.0	47.0	39.5	27.5	23.5
	W	333	310	289	267	235	151	113	92	78	54	47

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 ☆電信和 UPS 系統 Telecom and UPS systems ☆通信系統 Communication back-up systems ☆太陽能儲備系統 Solar storage power systems, wind power systems ☆電力系統 Power systems ☆緊急照明 Emergency lighting ☆火災安全系統 Fire and 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% ☆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. 	<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 M8 螺絲，扭力從 10N-m 至 12N-m(最大)採用不銹鋼材質，堅固耐用。 Assembling screws using M8 screws, torque from 10N-m to 12N-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	容量保持性與溫度關係 Capacity Retention Characteristic	壽命循環關係 Cycle Service Life