

閥調式鉛酸蓄電池(VRLA)

PMU21000S (2V1000AH)

規格 Type

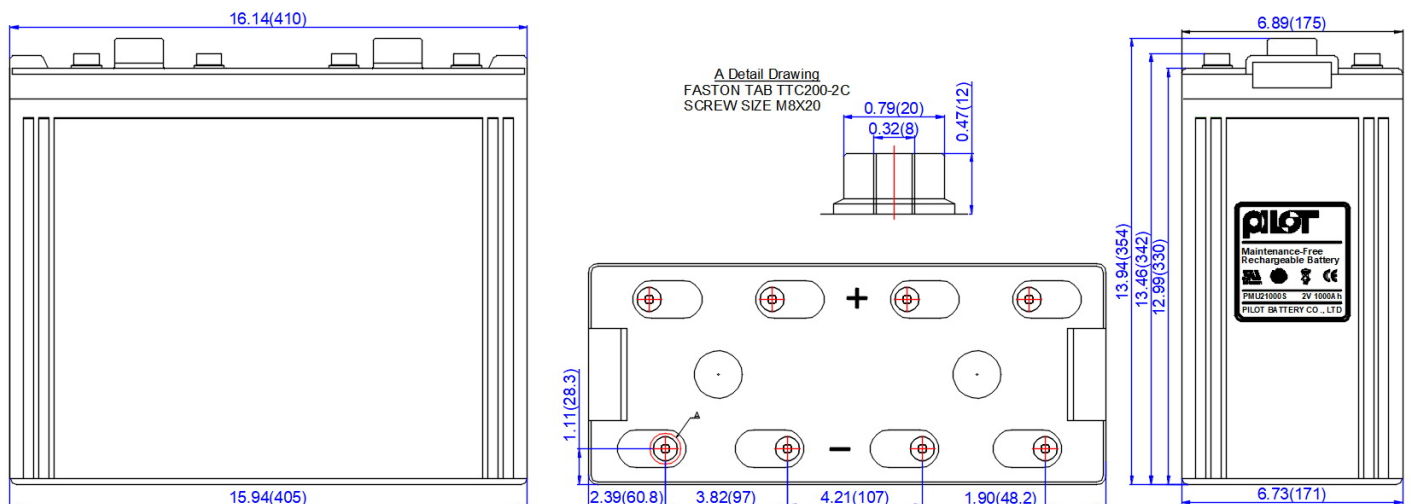
額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1000.0AH/10Hr/1.80V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	410±1mm(16.14in)
	寬度 Width	175±1mm(6.89in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	365±1mm(14.37in)
重量 Weight	57.3kg(126.1Pounds)	
電槽材質 Container Material	ABS,UL 94V-0 or UL 94-HB 抗酸、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 100A to 1.80V	1000AH
	5 小時率 5HR of 170A to 1.80V	850AH
	1 小時率 1HR of 530A to 1.80V	530AH
	0.5 小時率 0.5HR of 780A to 1.80V	390AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.0.42mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(10HR to 1050AH)
	25°C(77°F)	100%(10HR to 1000AH)
	0°C(32°F)	85%(10HR to 850AH)
	-20°C(-4°F)	60%(10HR to 600AH)
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	4500.0A(4.5CA)	
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)
	電流 Current	300.0A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)
	電流 Current	250.0A(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)



PMU2100S 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	1075.0	980.0	900.0	800.0	648.0	384.0	286.0	228.0	191.0	135.0	111.0
	W	1918	1789	1650	1473	1209	733	547	437	367	261	215
1.65	A	1023.0	920.0	840.0	760.0	631.0	370.0	274.0	220.0	189.0	132.0	109.0
	W	1870	1691	1552	1410	1186	708	527	425	366	255	212
1.70	A	995.0	880.0	810.0	740.0	608.0	364.0	268.0	218.0	186.0	128.0	106.0
	W	1831	1625	1512	1396	1147	697	516	420	359	249	207
1.75	A	862.0	840.0	760.0	700.0	560.0	352.0	265.0	214.0	180.0	125.0	104.0
	W	1602	1571	1425	1315	1061	674	512	416	316	244	204
1.80	A	780.0	750.0	720.0	650.0	530.0	328.0	250.0	204.0	170.0	120.0	100.0
	W	1454	1403	1353	1227	1010	633	485	396	330	235	197
1.83	A	700.0	650.0	600.0	550.0	488.0	310.0	232.0	188.0	158.0	110.0	94.0
	W	1331	1241	1155	1067	938	605	453	368	310	216	187

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