

閥調式鉛酸蓄電池(VRLA)

PMU2400 (2V400AH)

規格 Type

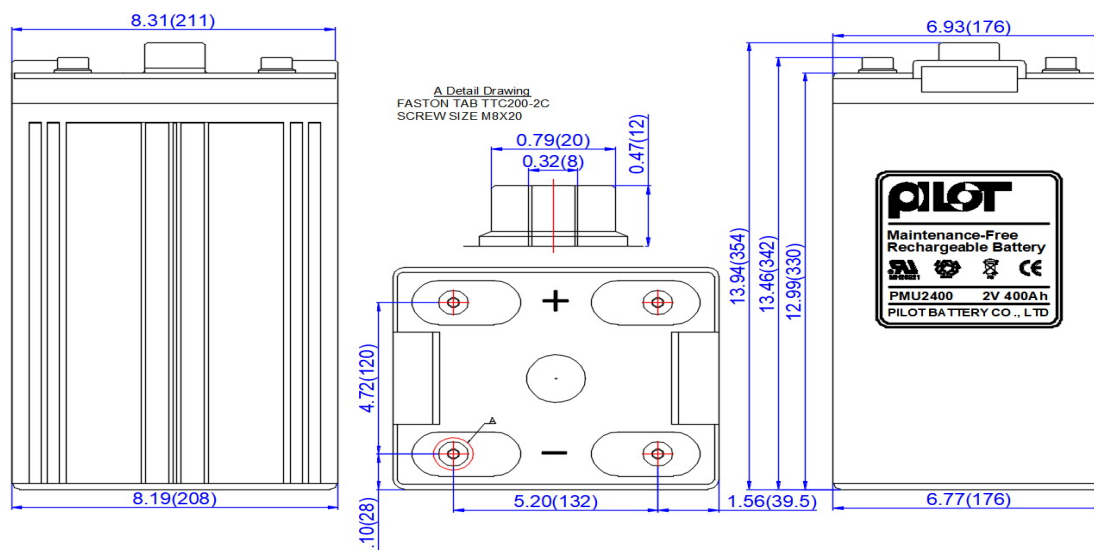
額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	400.0AH/10Hr/1.80V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	211±1mm(8.31in)
	寬度 Width	176±1mm(6.93in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	367±1mm(14.45in)
重量 Weight	26.3kg(57.86Pounds)	
電槽材質 Container Material	ABS, UL 94V-0 or UL 94-HB 抗酸、抗油、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 40.0A to 1.80V	400AH
	5 小時率 5HR of 68.0A to 1.80V	340AH
	1 小時率 1HR of 212.0A to 1.80V	212AH
	0.5 小時率 0.5HR of 312.0A to 1.80V	156AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.0.50mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(10HR to 420AH)
	25°C(77°F)	100%(10HR to 400AH)
	0°C(32°F)	85%(10HR to 340AH)
	-20°C(-4°F)	60%(10HR to 240AH)
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	1800.0A(4.5CA)	
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)
	電流 Current	120.0A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)
	電流 Current	100.0A(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)



PMU2400 PROPERTIES

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

F.V.	Time	Minutes					Hours						
	Item	15	30	35	40	45	1	2	3	4	5	8	10
1.60	A	569.2	430.0	392.0	360.0	320.0	259.2	153.6	114.4	91.2	76.4	54.0	44.4
	W	933	767	715	660	589	484	293	219	175	147	104	86
1.65	A	519.2	409.2	368.0	336.0	304.0	252.4	148.0	109.6	88.0	75.6	52.8	43.6
	W	854	748	676	621	564	474	283	211	170	146	102	85
1.70	A	482.4	398.0	352.0	324.0	296.0	243.2	145.6	107.2	87.2	74.4	51.2	42.4
	W	813	732	650	605	559	459	279	206	168	144	100	83
1.75	A	420.8	344.8	336.0	304.0	280.0	224.0	140.8	106.0	85.6	72.0	50.0	41.6
	W	737	641	628	570	526	425	270	205	166	126	98	82
1.80	A	370.0	312.0	300.0	288.0	260.0	212.0	131.2	100.0	81.6	68.0	48.0	40.0
	W	703	581	561	541	491	404	253	194	158	132	94	79
1.83	A	318.0	280.0	260.0	240.0	220.0	195.2	124.0	92.8	75.2	63.2	44.0	37.6
	W	572	532	496	462	427	375	242	181	147	124	86	75

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