

# 閥調式鉛酸蓄電池(VRLA)

## PMU2200 (2V200AH)

### 規格 Type

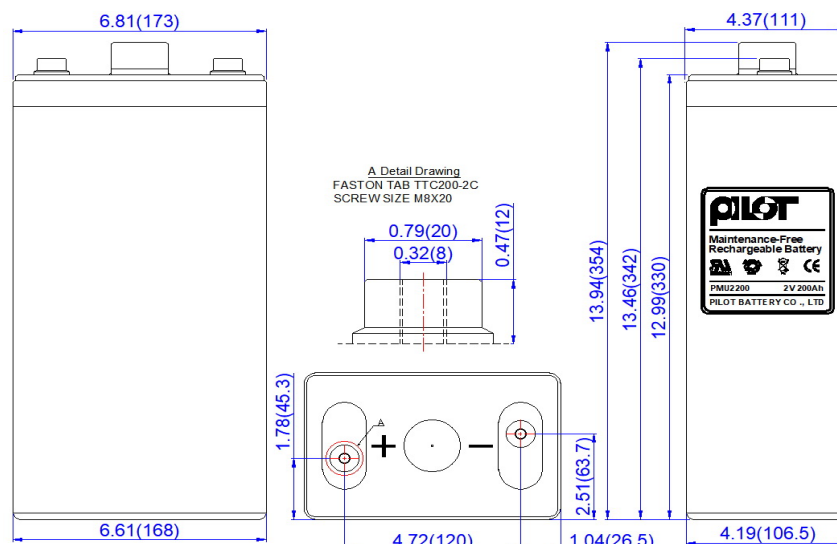
額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	200.0AH/10Hr/1.80V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	173±1mm(6.81in)
	寬度 Width	111±1mm(4.37in)
	高度 Height	330±1mm(12.99in)
	總高度 Total Height	363±1mm(14.29in)
重量 Weight	13.5kg(29.7Pounds)	
電槽材質 Container Material	ABS, UL 94V-0 or UL 94-HB 抗酸、抗油、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 20.0A to 1.80V	200AH
	5 小時率 5HR of 34.0A to 1.80V	170AH
	1 小時率 1HR of 106.0A to 1.80V	106AH
	0.5 小時率 0.5HR of 156.0A to 1.80V	78AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.0.60mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(10HR to 210AH)
	25°C(77°F)	100%(10HR to 200AH)
	0°C(32°F)	85%(10HR to 170AH)
	-20°C(-4°F)	60%(10HR to 120AH)
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	900.0A(4.5CA)	
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)
	電流 Current	60.00A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)
	電流 Current	50.00A(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) 15 years	

### 尺寸 Dimension: inch (mm)



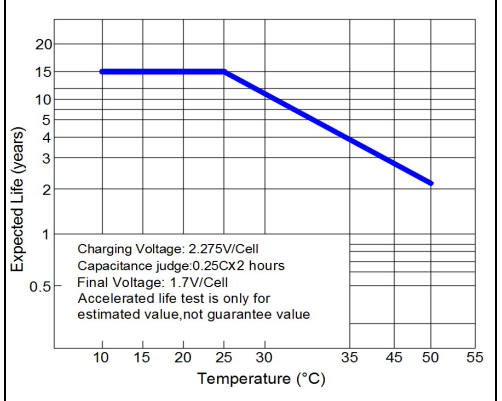
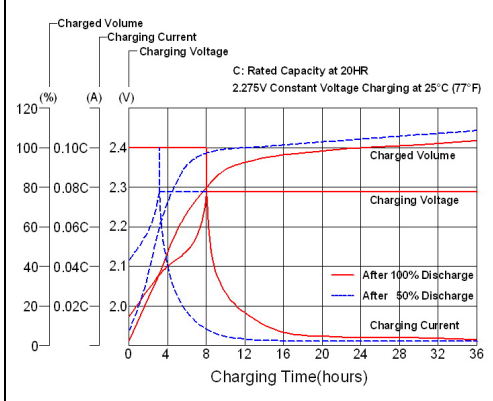
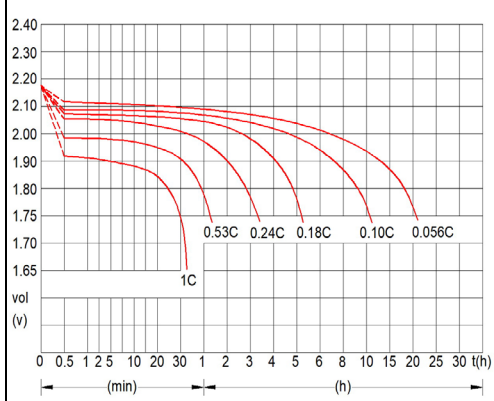
# PMU2200 PROPERTIES

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

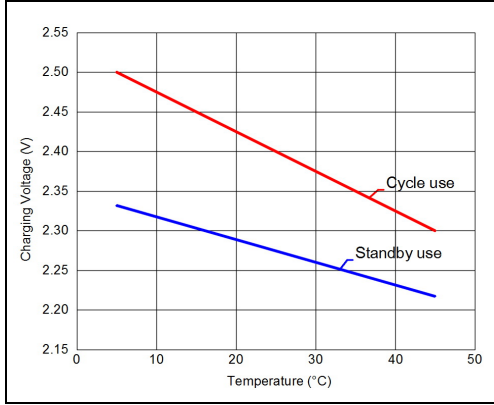
F.V.	Time	Minutes					Hours						
	Item	15	30	35	40	45	1	2	3	4	5	8	10
1.60	A	284.6	215.0	196.0	180.0	160.0	129.6	76.8	57.2	45.6	38.2	27.0	22.2
	W	466	384	358	330	295	242	147	109	87	73	52	43
1.65	A	259.6	204.6	184.0	168.0	152.0	126.2	74.0	54.8	44.0	37.8	26.4	21.8
	W	427	374	338	310	282	237	142	105	85	73	51	42
1.70	A	241.2	199.0	176.0	162.0	148.0	121.6	72.8	53.6	43.6	37.2	25.6	21.2
	W	407	366	325	302	279	229	139	103	84	72	50	41
1.75	A	210.4	172.4	168.0	152.0	140.0	112.0	70.4	53.0	42.8	36.0	25.0	20.8
	W	368	320	314	285	263	212	135	102	83	63	49	41
1.80	A	185.0	156.0	150.0	144.0	130.0	106.0	65.6	50.0	40.8	34.0	24.0	20.0
	W	352	291	281	271	245	202	127	97	79	66	47	39
1.83	A	159.0	140.0	130.0	120.0	110.0	97.6	62.0	46.4	37.6	31.6	22.0	18.8
	W	286	266	248	231	213	188	121	91	74	62	43	37

用途 Application	密封結構 Seal construction	穩定性 Stabilities
<ul style="list-style-type: none"> <li>☆廣播電視系統 Broadcast television systems</li> <li>☆電信和 UPS 系統 Telecom and UPS systems</li> <li>☆通信系統 Communication back-up systems</li> <li>☆太陽能儲備系統 Solar storage power systems, wind power systems</li> <li>☆電力系統 Power systems</li> <li>☆緊急照明 Emergency lighting</li> <li>☆火災安全系統 Fire and security systems</li> </ul>	<ul style="list-style-type: none"> <li>☆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%</li> <li>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%</li> <li>☆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.</li> </ul>	<ul style="list-style-type: none"> <li>☆正負極板是鉛鈣合金 Positive, negative's plates are all Calcium-Lead alloy.</li> <li>☆塑殼是防火 ABS 或等級是 UL 94V-0 L.O.I &gt;28 % The plastic material is fire-resistance ABS or same grade of UL 94V-0 L.O.I &gt;28%</li> <li>☆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.</li> </ul>

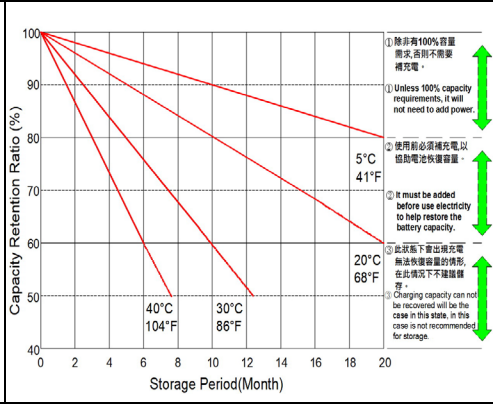
放電特性(25°C) Discharge characteristic at different rates(25°C)	定電壓充電(25°C) Charging Characteristics	浮充期待壽命 Float Service Life
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溫度與充電電壓關係 Relationship Between Temperature And Charging Voltage
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容量保持性與溫度關係 Capacity Retention Characteristic
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壽命循環關係 Cycle Service Life
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