

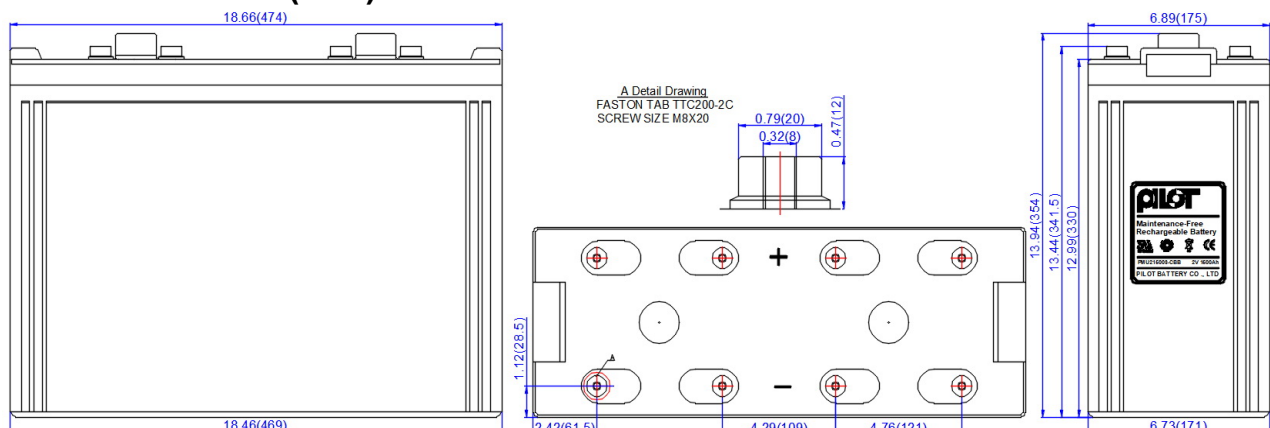
規格Specification

額定電壓 Rated Voltage	2V	
額定容量 Rated Capacity	1500AH/10HR/1.8V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	474±1mm(18.66in)
	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	71.8kg(158.0Pounds)	
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	150A to 1.80V	1500AH
	5 小時率 5HR of	255A to 1.80V	1275AH
	1 小時率 1HR of	795A to 1.80V	795AH
	0.5 小時率 0.5HR of	1170A to 1.80V	585AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)		大約 Approx.0.38mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)		105%(10HR to 1575AH)
	25°C(77°F)		100%(10HR to 1500AH)
	0°C(32°F)		85%(10HR to 1275AH)
	-20°C(-4°F)		60%(10HR to 900AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec			6750.0A(4.5CA)
浮充 Float Charging	電壓 Voltage	2.275±0.025V 25°C(77°F)	
	電流 Current	450.0A(0.3CA)	
循環充電 Cyclic Charging	電壓 Voltage	2.40±0.05V 25°C(77°F)	
	電流 Current	375.0A(0.25CA)	
操作溫度 Operation Temperature Range	充電 Charge/放置 Storage: -15~50°C(5~122°F), 放電 Discharge: -20~50°C(-4~122°F)		
期待壽命 Expected Life	25°C(77°F) 12~15 years		
性能特點 Performance characteristics	<p>擁有超級電容瞬間大容量充電的優點，也發揮了鉛酸電池的比能量優勢，且非常好的充電性能，優異的低溫啟動能力，更長的循環壽命。</p> <p>Has the advantages of instantaneous supercapacitor charging capacity, but also play a lead-acid batteries than the energy advantages, and very good charging performance, excellent low temperature start-up ability, longer cycle life.</p>		

尺寸 Dimension: inch (mm)



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

F.V.	Time Item	Minutes				Hours						
		30	35	40	45	1	2	3	4	5	8	10
1.60	A	1613	1470	1350	1200	972.0	576.0	429.0	342.0	286.5	202.5	166.5
	W	2877	2683	2475	2209	1814	1099	820	655	550	391	322
1.65	A	1535	1380	1260	1140	946.5	555.0	411.0	330.0	283.5	198.0	163.5
	W	2805	2537	2328	2116	1779	1062	790	637	549	382	318
1.70	A	1493	1320	1215	1110	912.0	546.0	402.0	327.0	279.0	192.0	159.0
	W	2747	2438	2268	2094	1721	1045	774	630	539	373	310
1.75	A	1293	1260	1140	1050	840.0	528.0	397.5	321.0	270.0	187.5	156.0
	W	2402	2356	2137	1973	1592	1011	768	623	474	366	306
1.80	A	1170	1125	1080	975	795.0	492.0	375.0	306.0	255.0	180.0	150.0
	W	2180	2105	2030	1840	1515	949	727	594	494	352	296
1.83	A	1050	975	900	825	732.0	465.0	348.0	282.0	237.0	165.0	141.0
	W	1996	1861	1732	1601	1407	907	679	552	465	324	280

用途 Application

- ☆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

密閉結構 Seal construction

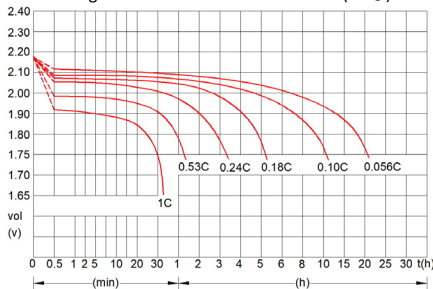
- ☆沒有漏酸的危險，氣體釋放率超底，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted Antimony-Lead alloy or copper alloy covered with Lead material.

穩定性 Stabilities

- ☆正負極板是鉛銀合金
Positive and negative plates are lead silver 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.

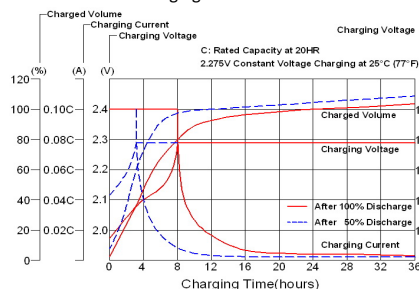
放電特性(25°C)

Discharge characteristic at different rates(25°C)



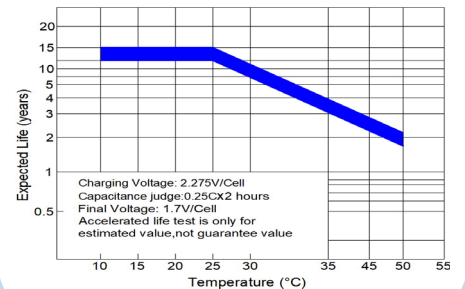
定電壓充電(25°C)

Charging Characteristics



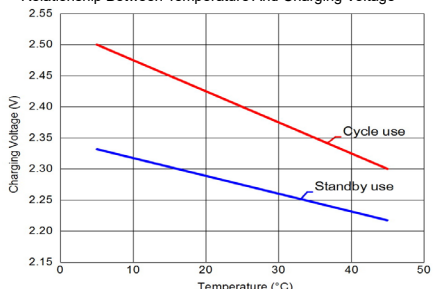
壽命與溫度關係

Accelerated Life Characteristic



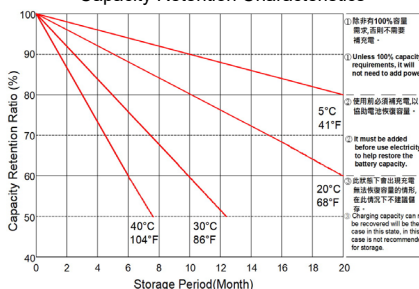
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

