

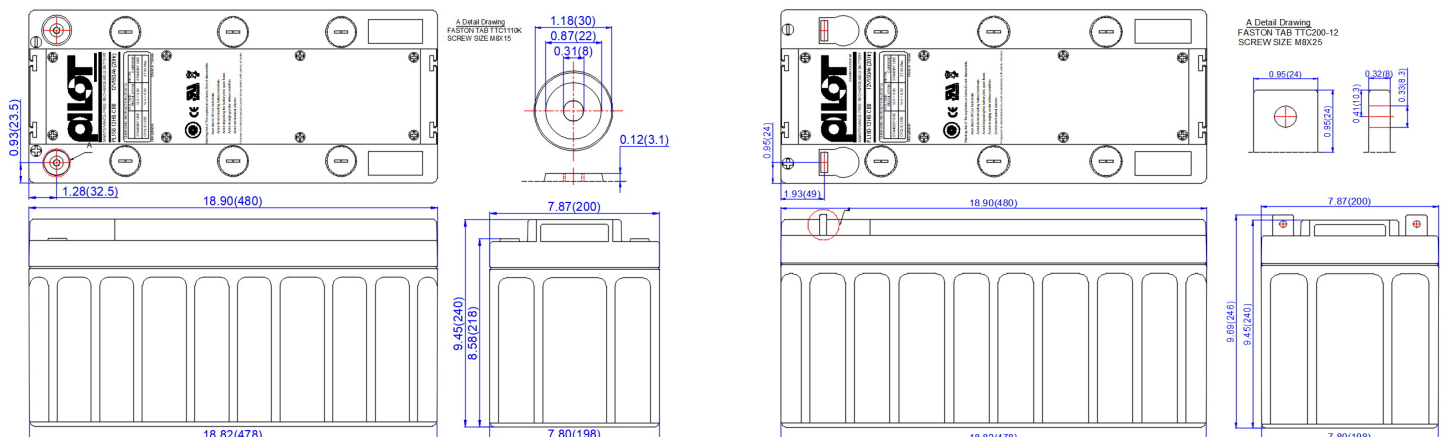
規格Specification

額定電壓 Rated Voltage	12V	
額定容量 Rated Capacity	150AH/20Hr/10.5V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	480±1mm(18.90in)
	寬度 Width	200±1mm(7.87in)
	高度 Height	240±1mm(9.45in)
	總高度 Total Height	240±1mm(9.45in)
重量 Weight	45.6kg(100.32Pounds)	
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)	20 小時率 20HR of 7.5A to 10.5V	150.0AH
	5 小時率 5HR of 24.3A to 10.5V	121.5AH
	1 小時率 1HR of 97.5A to 10.5V	97.5AH
	0.5 小時率 0.5HR of 158.0A to 10.5V	79.0AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.3.2mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(20HR to 157AH)
	25°C(77°F)	100%(20HR to 150AH)
	0°C(32°F)	85%(20HR to 127AH)
	-20°C(-4°F)	60%(20HR to 90AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec		975.0A(6.5CA)
浮充 Float Charging	電壓 Voltage	13.65±0.15V 25°C(77°F)
	電流 Current	45.00A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	14.70±0.30V 25°C(77°F)
	電流 Current	37.50A(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) 10~12 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							
		5	10	15	20	25	30	35	40	45	1	2	3	4	5	8	10	20
1.60 (9.60)	A	453	335	272	239	200	179	162	150	137	105.0	60.0	42.0	33.0	26.7	17.4	15.3	8.4
	W	4757	3512	2987	2624	2294	2053	1863	1725	1570	1208	702	491	386	320	209	184	101
1.65 (9.90)	A	416	309	255	222	189	168	153	141	129	102.0	59.3	41.5	32.3	26.4	17.1	15.0	8.3
	W	4363	3245	2805	2442	2174	1932	1760	1622	1484	1173	693	486	377	317	205	180	99
1.70 (10.2)	A	399	287	240	209	180	162	147	134	126	99.0	57.8	40.5	31.1	25.8	16.7	14.1	7.8
	W	4190	3008	2640	2294	2070	1863	1691	1535	1449	1139	676	474	364	310	200	169	94
1.75 (10.5)	A	378	263	224	198	173	158	141	129	120	97.5	54.8	38.0	29.6	24.3	16.3	13.5	7.5
	W	3969	2756	2459	2178	1984	1811	1622	1484	1380	1121	641	445	347	292	196	162	90
1.80 (10.8)	A	342	239	204	182	164	147	135	123	117	94.5	52.5	37.5	28.9	23.7	15.8	13.2	7.4
	W	3591	2504	2244	1997	1880	1691	1553	1415	1346	1087	614	439	338	284	189	158	88
1.83 (10.98)	A	315	189	176	152	140	131	117	105	101	90.0	51.8	35.5	27.4	22.2	15.4	12.3	6.9
	W	3308	1985	1931	1667	1604	1501	1346	1208	1156	1035	605	415	320	266	185	148	83

用途 Application

- ☆ UPS 緊急備用電源
UPS emergency backup power
- ☆ 通信系統
Communication back-up systems
- ☆ 電力系統
Power systems
- ☆ 太陽能儲備系統
Solar storage power systems
- ☆ 緊急照明
Emergency lighting
- ☆ 防火、保全系統
Fire, security systems

密閉結構 Seal construction

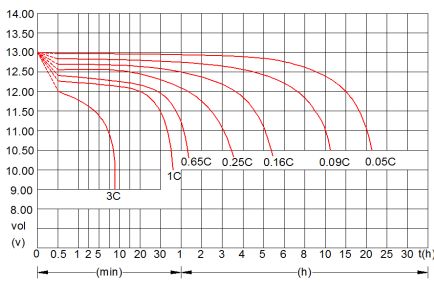
- ☆ 沒有漏酸的危險，氣體釋放率超低，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於 98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆ 極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

穩定性 Stabilities

- ☆ 正負極板是鉛銀合金
Positive and negative plates are lead silver alloy.
- ☆ 塑膠殼是防火 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 7N-m 至 10N-m(最大)採用不銹鋼材質，堅固耐用。
Assembling screws using M8 screws, torque from 7N-m to 10N-m (maximum) made of stainless steel, durable.

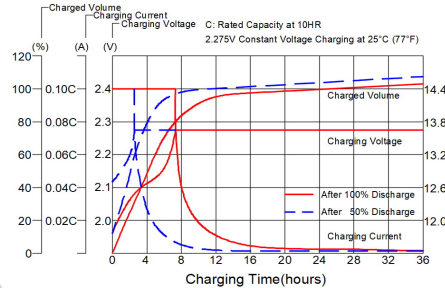
放電特性(25°C)

Discharge characteristic at different rates(25°C)



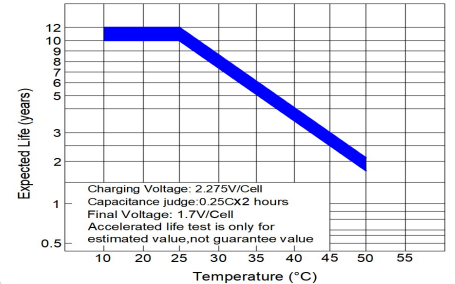
定電壓充電(25°C)

Charging Characteristics



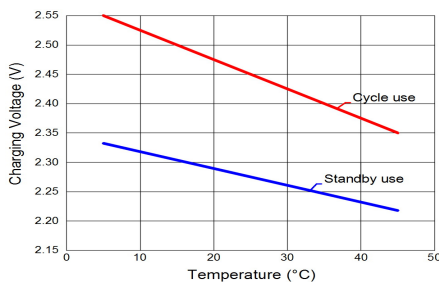
壽命與溫度關係

Accelerated Life Characteristic



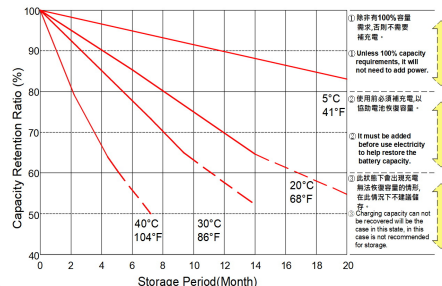
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

