

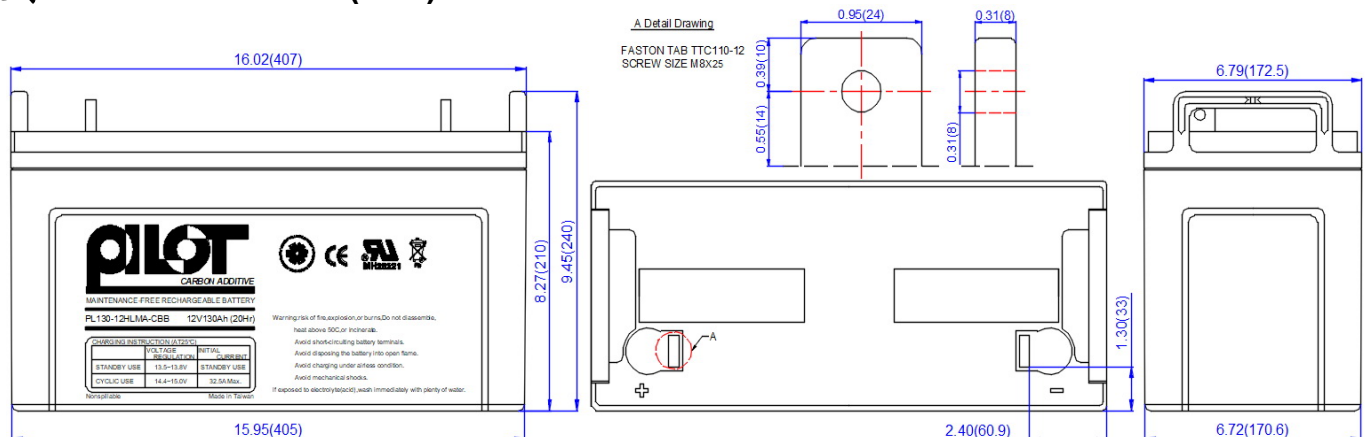
規格Specification

額定電壓 Rated Voltage	12V	
額定容量 Rated Capacity	130AH/20Hr/10.5V	端子 Terminal: 螺栓(M8 Bolt)
尺寸 Dimension	長度 Length	407±1mm(16.02in)
	寬度 Width	173±1mm(6.81in)
	高度 Height	210±1mm(8.27in)
	總高度 Total Height	246±1mm(9.69in)
重量 Weight	37.0kg(81.4Pounds)	
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 6.5A to 10.5V	130.0AH
	5 小時率 5HR of 21.1A to 10.5V	105.5AH
	1 小時率 1HR of 84.5A to 10.5V	84.5AH
	0.5 小時率 0.5HR of 137.0A to 10.5V	68.5AH
內阻 Internal Resistance (at 1KHz)	完全充電 Full Charge at 25°C(77°F)	大約 Approx.4mΩ
容量受溫度影響 The capacity will be effected by temperature	40°C(104°F)	105%(20HR to 136.5AH)
	25°C(77°F)	100%(20HR to 130.0AH)
	0°C(32°F)	85%(20HR to 110.5AH)
	-20°C(-4°F)	60%(20HR to 78.0AH)
最大放電電流 5 秒 Maximum Discharge Current at 5 Sec	845.0A(6.5CA)	
浮充 Float Charging	電壓 Voltage	13.65±0.15V 25°C(77°F)
	電流 Current	39.00A(0.3CA)
循環充電 Cyclic Charging	電壓 Voltage	14.70±0.30V 25°C(77°F)
	電流 Current	32.50A(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							
		1	5	10	15	20	25	30	35	40	45	1	2	3	4	5	8	10	20
1.60 (9.60)	A	619	393	290	235	207	173	155	140	130	118	91.0	52.0	36.4	28.6	23.1	15.1	13.3	7.3
	W	6497	4122	3044	2588	2274	1988	1779	1615	1495	1360	1047	608	426	335	278	181	159	87
1.65 (9.90)	A	545	360	268	221	192	164	146	133	122	112	88.4	51.4	36.0	28.0	22.9	14.8	13.0	7.2
	W	5719	3781	2812	2431	2116	1884	1674	1525	1405	1286	1017	601	421	327	275	177	156	86
1.70 (10.2)	A	494	346	248	208	181	156	140	127	116	109	85.8	50.1	35.1	27.0	22.4	14.5	12.2	6.8
	W	5187	3631	2607	2288	1988	1794	1615	1465	1331	1256	987	586	411	316	268	174	147	81
1.75 (10.5)	A	433	328	228	194	172	150	137	122	112	104	84.5	47.5	32.9	25.7	21.1	14.1	11.7	6.5
	W	4545	3440	2389	2131	1888	1719	1570	1405	1286	1196	972	555	385	300	253	170	140	78
1.80 (10.8)	A	384	296	207	177	157	142	127	117	107	101	81.9	45.5	32.5	25.0	20.5	13.7	11.4	6.4
	W	4027	3112	2170	1945	1730	1630	1465	1346	1226	1166	942	532	380	293	246	164	137	76
1.83 (10.98)	A	358	273	164	152	131	121	113	101	91	87	78.0	44.9	30.8	23.7	19.2	13.3	10.7	6.0
	W	3754	2867	1720	1673	1444	1390	1301	1166	1047	1002	897	525	360	278	231	160	128	72

用途 Application

- ☆廣播電視系統
Broadcast television systems
- ☆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
- ☆緊急照明器材
Emergency lighting equipment
- ☆防火、保全系統
Fire, security systems

密閉結構 Seal construction

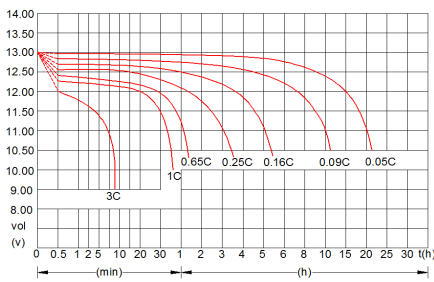
- ☆沒有漏酸的危險，氣體釋放率超底，不需加水，能防止電解液乾枯或產生層化現象(於放電時)再組合率大於98%
- Non-spillable, no leaking danger, the gas consumption rate is low, no need to replenish water, can avoid acid lack or crystallization problem during discharge, the recombination rate is higher than 98%
- ☆極柱採用鉛錫合金或合金銅鍍鉛材質
The polarities adopted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

穩定性 Stabilities

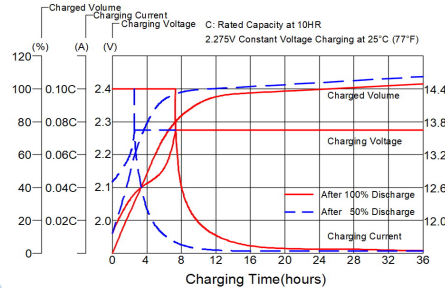
- ☆正負極板是鉛銀合金
Positive and negative plates are lead silver alloy.
- ☆塑殼是防火 ABS 或等級是 UL 94V-0 L.O.I.>28%
- The plastic material is fire-resistance ABS or same grade of UL 94V-0 L.O.I. >28%
- ☆組立用螺絲採用 M8 螺絲，扭力從 7N-m 至 10N-m(最大)採用不銹鋼材質，堅固耐用。
Assembling screws using M8 screws, torque from 7N-m to 10N-m (maximum) made of stainless steel, durable.

放電特性(25°C)

Discharge characteristic at different rates(25°C)

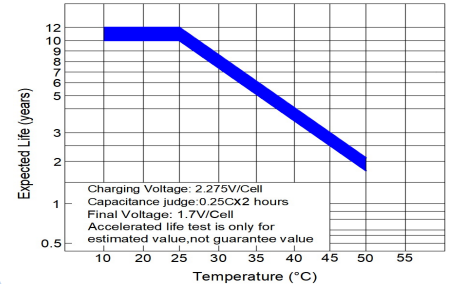


定電壓充電(25°C) Charging Characteristics



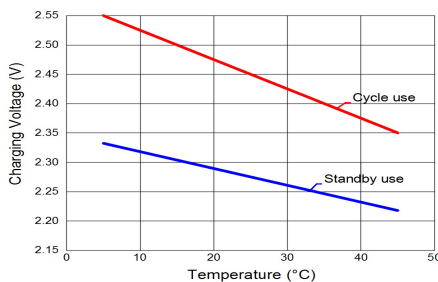
壽命與溫度關係

Accelerated Life Characteristic



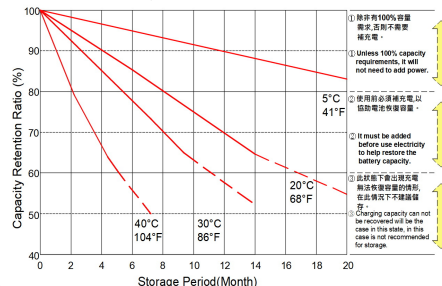
溫度與充電電壓關係

Relationship Between Temperature And Charging Voltage



容量保持特性

Capacity Retention Characteristics



壽命循環關係

Cycle Service Life

