

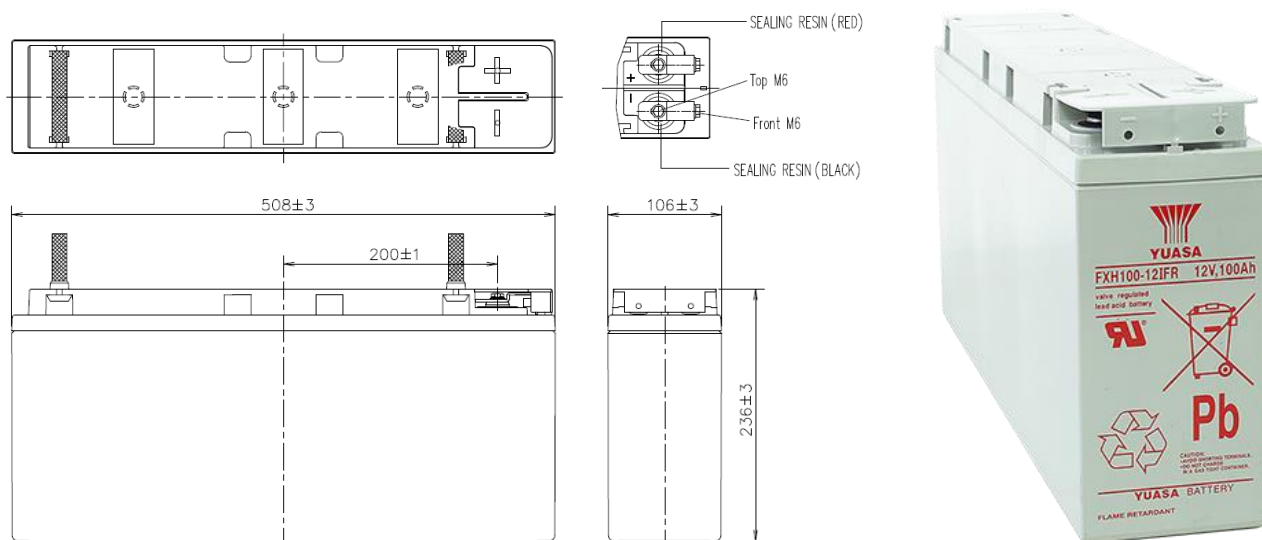


ISO 9001 CERTIFICATE
ISO 14001 CERTIFICATE
ISO 45001 CERTIFICATE
UL MH28947

閥調式鉛酸蓄電池(VRLA) Valve Regulated Lead Acid Battery

FXH100-12I FR

尺寸 DIMENSION



規範 Specification

公稱電壓 Nominal Voltage : 12V	操作溫度範圍 Operating Temperature Range
尺寸 Dimension	放電 Discharging -15°C to 45°C
長度 Length : 508±3mm	充電 Charging -15°C to 45°C
寬度 Width : 106±3mm	放置 Storage -15°C to 45°C
高度 Case Height : 236±3mm	期待浮充壽命 Expected float use life (25°C) : 10 years
總高 Overall Height : 236±3mm	容易保養 Easy Maintenance
重量 Weight (約 Approx.) : 34 kg	不會洩漏電解液 No electrolyte leakage
公稱容量 Nominal Capacity : 100AH / 10HR (25°C)	確保操作上安全性 Ensure safe and efficient operation
內部電阻 Internal Resistance(Approx.) : 約 3.5 mΩ	防爆設計 Vent plug provided with built-in ceramic filter
最大充電電流 Max. Charge current : 25A	阻隔外部火源防止電池破裂
5 秒最大放電電流	Prevent explosion from outside source of ignition
Max. Discharge current in 5 seconds : 600A	電槽材質 Container Material :
浮動充電 Float Charging : 13.65±0.15V (25°C)	難燃ABS Flame Retardant ABS · 難燃等級Flame class : UL94V0
端子 Terminal :	把手設計 Handle Including
極柱端子Top terminal : 螺絲式 Bolt (M6)	用途 Applications :
引出端子 (L型連接桿) Front terminal : 螺絲式 Bolt (M6)	UPS 不斷電系統、電信、緊急照明、警報系統、儀器、太陽能發電系統
鎖緊轉矩 Tightening torque 4.9Nm (50kgf.cm)	UPS (Uninterruptible Power Supply)、Telecommunications、
注意：請勿使用氣動或電動工具進行鎖付，以免螺牙損傷	Emergency lighting、Alarm systems、Instrumentation、Solar powered systems

性能規格 PERFORMANCE SPECIFICATION : 安培 Amperes and 瓦特 Watts at 25 °C (77 °F)

F.V.	TIME														
		5M	10M	15M	20M	30M	45M	1H	2H	3H	4H	5H	8H	10H	20H
10.80V	W	3100	2500	2112	1762	1340	1003	810	446	309	247	210	145	118	62.0
	A	281	223	185	154	117	86.9	69.9	37.7	25.9	20.7	17.6	12.2	10.0	5.1
10.50V	W	3500	2700	2210	1831	1383	1028	825	451	311	249	212	146	119	63.0
	A	325	244	195	160	121	89.2	71.2	38.2	26.1	20.9	17.8	12.5	10.2	5.2
10.20V	W	3750	3000	2333	1909	1425	1047	831	454	313	251	213	148	120	63.0
	A	355	275	207	168	125	90.9	71.6	38.4	26.2	21.0	17.8	12.8	10.3	5.3
10.02V	W	3865	3030	2345	1917	1430	1049	832	456	315	252	214	149	121	63.3
	A	370	282	210	170	126	91.4	71.8	38.5	26.3	21.1	17.9	12.9	10.4	5.3
9.60V	W	4140	3100	2375	1936	1441	1055	834	459	318	255	217	151	123	64.0
	A	405	300	217	175	128	92.5	72.1	38.9	26.7	21.3	18.1	13.0	10.5	5.4

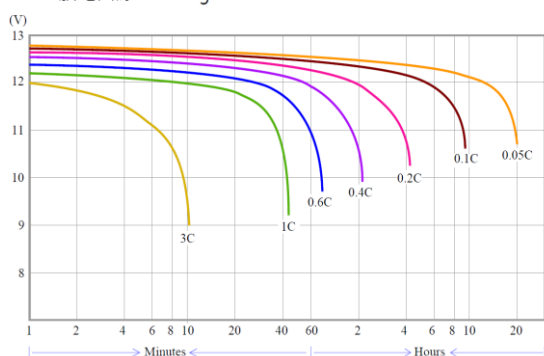
引出端子和接續桿不適合高率放電，如果客戶有高率使用請聯繫本公司。

Leading terminal and connector bar will be not suitable for high rate discharge. If customers have high rate application, Please contact us.

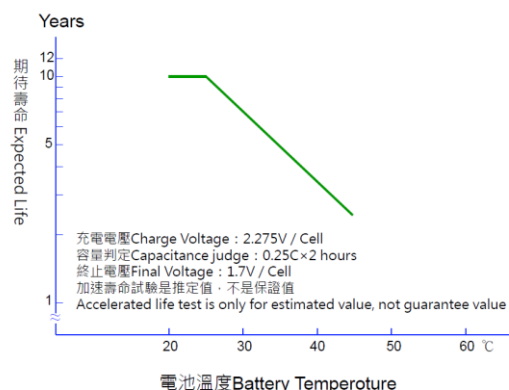
特性 Characteristics

放電特性 DISCHARGE CHARACTERISTICS

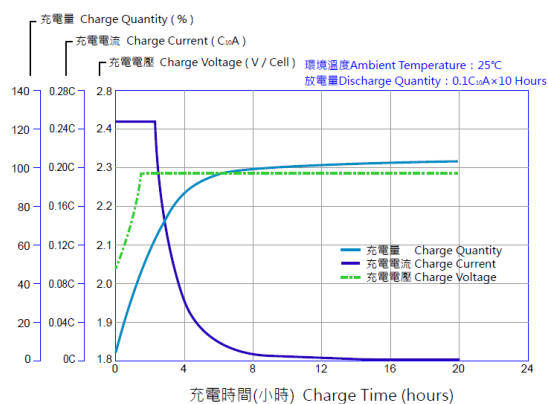
放電曲線 Discharge Characteristics Curves at 25°C



浮充期待壽命 Float Service Life



充電特性 CHARGE CHARACTERISTICS



充電電壓 CHARGE VOLTAGE

