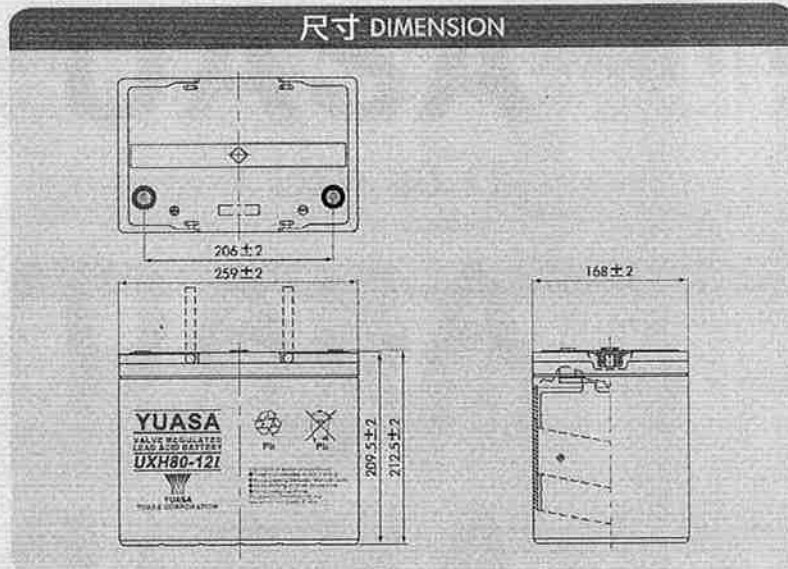


# YUASA

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

## UXH 80-12I



● 公稱電壓 Nominal Voltage : 12V

● 尺寸 Dimension

長度 Length : 259 ± 2mm (10.20in)

寬度 Width : 168 ± 2mm (6.61in)

高度 Height : 209.5 ± 2mm (8.25in)

總高 Total Height : 212.5 ± 2mm (8.37in)

● 重量 Weight (Approx.) : 27Kg (59 Pounds)

● 公稱容量 Nominal Capacity

20小時率 20HR of 4.0A To 10.50V at 25°C : 80AH

10小時率 10HR of 8.0A To 10.50V at 25°C : 80AH

5小時率 5HR of 14.6A To 10.20V at 25°C : 73AH

1小時率 1HR of 48.0A To 9.60V at 25°C : 48AH

● 內部阻抗 Internal Resistance : 5.5mΩ

● 最大充電電流 Max Charge Current : 20A (0.25Ca)

最大放電電流 Max Discharge Current : 240A (3Ca)

最大短路電流 Max Short Duration Discharge Current : 520A (6.5Ca)

● 浮充 Float Charging : 13.65 ± 0.15V

● 操作溫度範圍 Operation Temperature Range

-15°C To 50°C (5°F To 122°F)

● 保存溫度範圍 Storage Temperature Range

-15°C To 40°C (5°F To 104°F)

● 壽命 Expected Life (25°C)

10 years in floating charge

● 密閉構造 Sealed Construction

Can be operated, charged or stored in any position without leakage.

Can't be charged while the terminal is downward.

● 標準端子 Standard Terminal : M6 Bolt

● 電槽材質 Housing Material : Flame Retardant ABS (UL94-V0)

氧氣指數 LOI 28.0%

整體型防爆裝置 Integral Flame Arrestor

極柱與電槽密封採用環氧樹脂 Epoxy Resin

● 用途 Applications :

無停電裝置、電信、照明、警報、儀器、醫療、  
太陽能、發電機、控制設備、配電系統

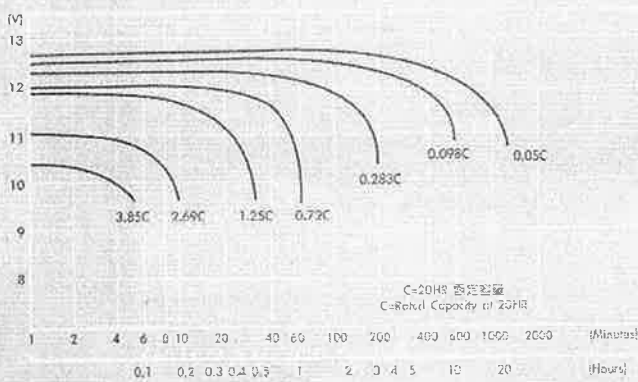
# UXH80-12I PERFORMANCE DATA AT 25°C (77°F)-Amperes and watts

F.V.	Time	Minutes						Hours							
		5	10	15	20	30	45	1	2	3	4	5	8	10	20
10.98 (1.83)	A							44	21	14.5	14	13.5	9.1	7.6	
	W							500	302	200	178	156	102	85	
10.80 (1.80)	A	280	212	179	119	72	60	45	22	15.0	14.4	13.8	9.4	7.8	3.9
	W	2250	1870	1550	1300	950	770	505	306	214	187	160	106	87	50
10.50 (1.75)	A	290	220	186	126	78	66	46	23	15.5	14.8	14.2	9.7	8.0	4.0
	W	2500	2000	1660	1360	970	780	508	309	217	191	165	110	90	52
10.20 (1.70)	A	300	227	193	133	84	72	47	24	16.3	15.4	14.6			
	W	2750	2150	1780	1430	990	790	512	312	220	195	170			
10.02 (1.67)	A	303	229	195	135	86	74	47	25						
	W	2820	2200	1820	1450	995	793	514	314						
9.90 (1.65)	A	306	232	197	138	88	76	48							
	W	2900	2250	1860	1470	1000	796	516							
9.60 (1.60)	A	310	235	200	140	90	78	48							
	W	3000	2300	1900	1490	1004	800	517							

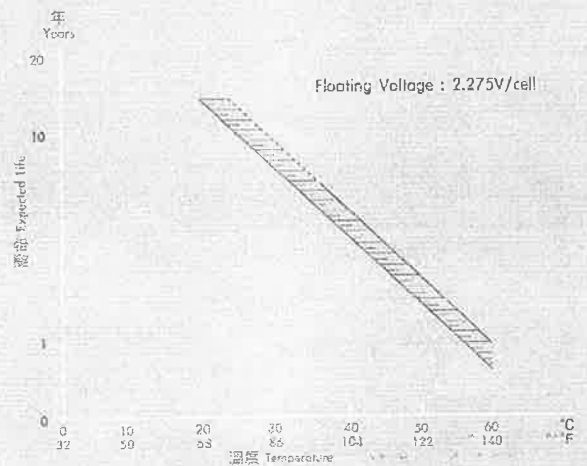
## 放電 DISCHARGING

### 放電特性 DISCHARGING CHARACTERISTICS

放電曲線 Discharging Characteristics Curves at 25°C

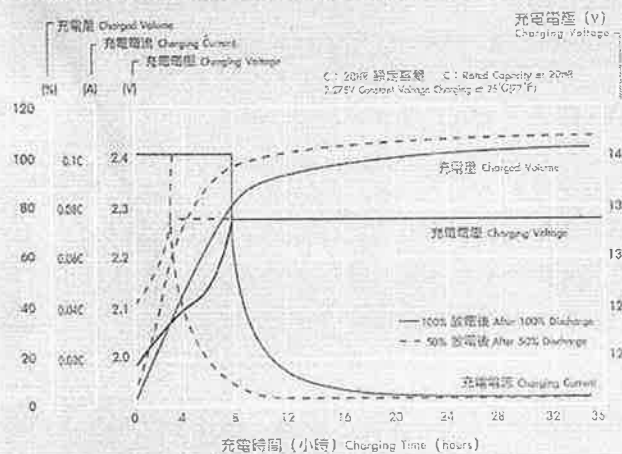


### 壽命特性 ACCELERATED LIFE CHARACTERISTIC



## 充電 CHARGING

### 充電特性 CHARGING CHARACTERISTICS



### 充電電壓 CHARGING VOLTAGE

溫度與充電電壓關係 Relationship Between Temperature and Charging Voltage

