



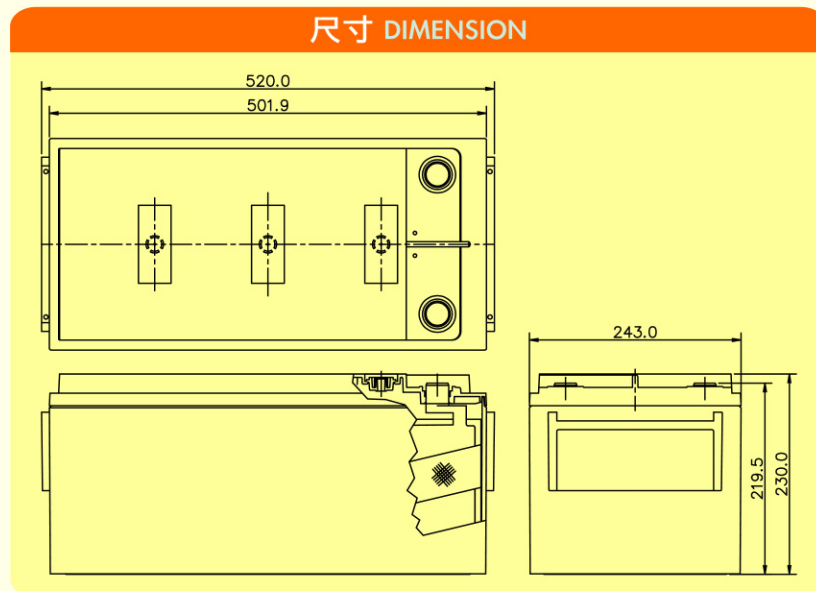
YUASA

ISO 9001 QUALITY ASSURANCE

ISO-14001 CERTIFICATE NO.00154

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

NPA230-12IFR



● 公稱電壓 Nominal Voltage : 12V

● 尺寸 Dimension

長度 Length : 520 ± 3mm

寬度 Width : 243 ± 3mm

高度 Height : 220 ± 3mm

總高 Total Height : 230 ± 3mm

● 重量 Weight (Approx.) : 72.2Kg

● 公稱容量 Nominal Capacity

20小時率 20HR · rate of 10A To 10.5V 230AH

● 內部阻抗 Internal Resistance : 2.2mΩ

● 最大充電電流 Max Charge Current : 0.25CA (50A)

最大放電電流 Max Discharge Current : 1600A

最大短路電流 Max Short Duration Discharge Current : 1800A

● 浮充 Float Charging : 13.65 ± 0.15V

● 標準端子 Insert Terminal : M8 Bolt

● 操作溫度 Operation Temperature Range

-15°C To 50°C

● 保存溫度範圍 Storage Temperature Range

-15°C To 45°C

● 壽命 Expected Life (25°C)

10 years in floating charge

● 密閉構造 (凝膠電解液使用型式) Sealed Construction

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

Can't be charged while the terminal is downward.

● 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 :

電信、不斷電、警報、防災、照明、消防、太陽能、廣泛其他用途

Telecommunications, UPS, Alarm systems, Fire & security systems,

Emergency lighting, Engine starting, Solar powered systems, Utilities

NPA230-12IFR PERFORMANCE SPECIFICATION : Amperes and watts at 25°C (77°F)

F.V.	Time	1	5	10	15	20	25	30	35	40	45	1	3	5	10	20
		min	min	min	min	min	min	min	min	min	min	h	h	h	h	h
10.98 (1.83)	A	630	540	420	310	282	234	225	195	171	159	136	54	34	20	11
	W	6900	5560	4450	3960	3255	2700	2520	2100	1930	1840	1482	608	397	210	118
10.80 (1.80)	A	700	560	440	330	295	252	240	210	180	170	142	58	37	20	11
	W	7200	5752	4680	4048	3451	2866	2691	2281	2106	1930	1532	631	415	228	123
10.50 (1.75)	A	780	620	480	360	306	264	244	214	184	174	144	59	38	21	11.5
	W	8000	6337	5021	4212	3568	2983	2743	2320	2184	1989	1550	643	429	251	129
10.20 (1.70)	A	880	680	520	390	320	280	250	220	190	180	146	60	39	22	11.6
	W	8890	6825	5382	4387	3685	3100	2808	2515	2281	2047	1579	650	430	254	132
10.02 (1.67)	A	970	730	534	404	324	288	254	228	194	184	146	62	39.5	22	11.7
	W	9500	7215	5489	4455	3724	3178	2843	2597	2340	2086	1608	665	440	256	133
9.90 (1.65)	A	1000	730	540	408	326	290	256	230	196	186	148	62	40	23	11.8
	W	9800	7410	5616	4492	3790	3295	2854	2620	2375	2141	1618	670	446	257	135
9.60 (1.60)	A	1100	790	560	420	330	300	260	240	200	190	150	64	40.5	23.5	11.9
	W	10500	7702	5674	4504	3802	3334	2866	2632	2398	2164	1638	700	450	260	138

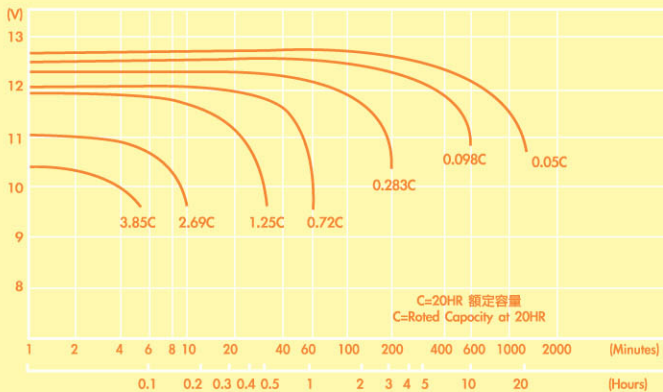
蓄電池交貨時，經完全充電〔電壓14.4V/只 (MAX. 0.25C₁₀) 充電16Hr〕後，1天內測試應達上述放電容量95%以上。

The battery at time of delivery capacity shall be read more than 95% within 1 days after being charged at 14.4V (MAX. 0.25C₁₀) for 16Hr.

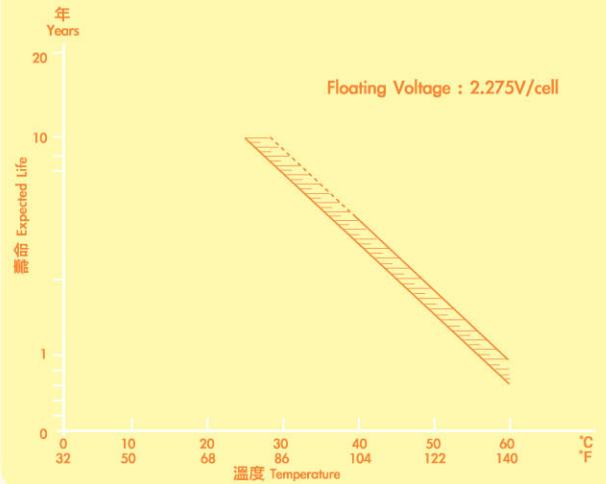
放電 DISCHARGING

放電特性 DISCHARGING CHARACTERISTICS

放電曲線 Discharging Characteristics Curves at 25°C

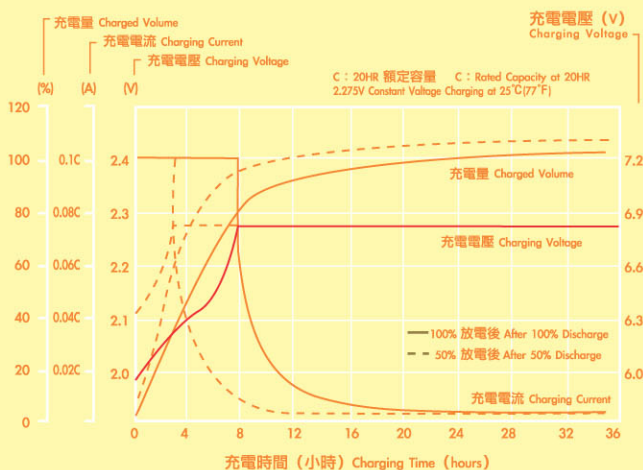


壽命特性 ACCELERATED LIFE CHARACTERISTIC



充電 CHARGING

充電特性 CHARGING CHARACTERISTICS



充電電壓 CHARGING VOLTAGE

