



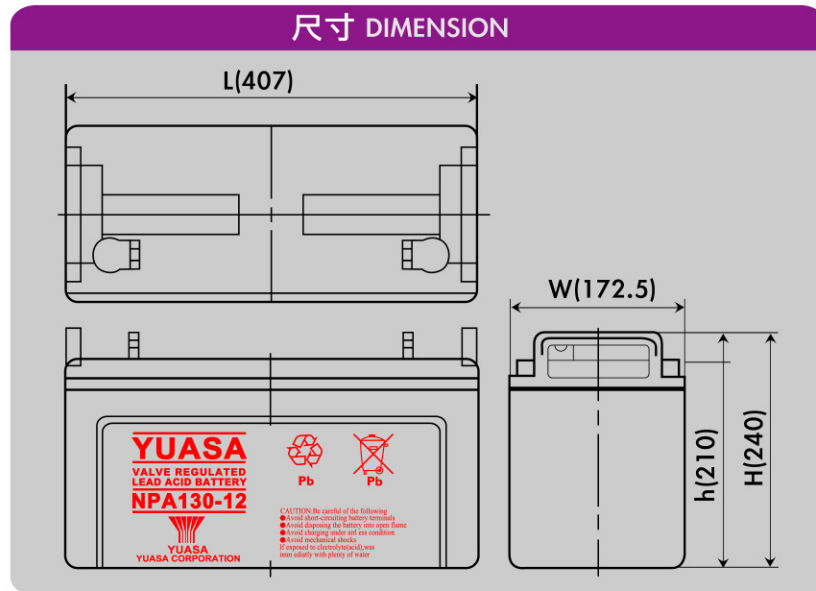
YUASA

ISO 9001 QUALITY ASSURANCE

ISO-14001 CERTIFICATE NO.00154

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

NPA130-12



● 公稱電壓 Nominal Voltage : 12V

● 尺寸 Dimension

長度 Length : 407 ± 3mm (16.03in)

寬度 Width : 172.5 ± 3mm (6.80in)

高度 Height : 210 ± 3mm (8.27in)

總高 Total Height : 240 ± 3mm (9.45in)

● 重量 Weight (Approx.) : 42Kg

● 公稱容量 Nominal Capacity

20小時率 20HR · rate of 6.5A To 10.5V 130AH

● 放電容量 Discharge Capacity : 95% 以上

● 內部阻抗 Internal Resistance : 3.8mΩ

● 最大充電電流 Max Charge Current : 0.25Ca (25A)

最大放電電流 Max Discharge Current : 500A (5Ca)

最大短路電流 Max Short Duration Discharge Current : 700A (7Ca)

● 操作溫度範圍 Operation Temperature Range

充電 Charge 32°F To 104°F (0°C To 40°C)

放電 Discharge 5°F To 122°F (-15°C To 50°C)

● 保存溫度範圍 Storage Temperature Range

5°F To 104°F (-15°C To 40°C)

● 浮充 Float Charging : 13.65 ± 0.15V

● 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 : M10 Bolt

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

氧氣指數 28.0% LOI ↑

● 用途 Applications :

無停電裝置、電信、照明、警報、儀器、醫療、太陽能

NPA130-12 PERFORMANCE DATA AT 25°C (77 °F)-Amperes and watts

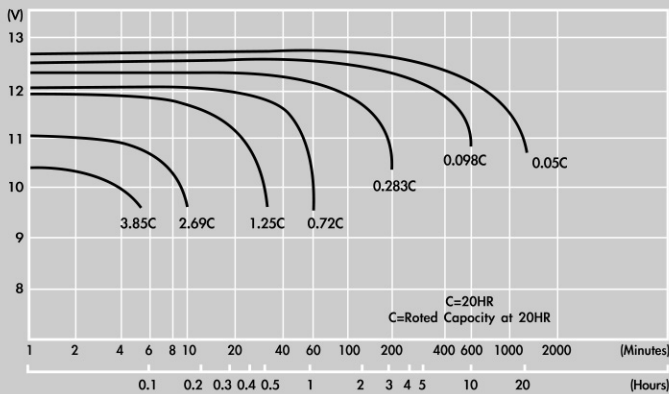
F.V.	Time	Discharge Time										Discharge Rate					
		1 min	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	1 h	2 h	3 h	5 h	10 h	20 h
10.50 (1.75)	A	472.6	375.7	290.8	217.1	185.0	159.7	147.6	129.9	112.4	105.8	85.3	47.5	35.6	23.8	13.0	6.5
	W	4847	3998	3121	2617	2217	1854	1705	1442	1358	1236	945	544	392	261	148	74
10.20 (1.70)	A	533.2	412.0	315.1	236.8	193.9	169.6	152.0	133.3	115.7	109.0	86.4	48.6	35.6	24.8	13.0	6.5
	W	5381	4363	3345	2726	2290	1927	1745	1564	1418	1273	962	549	406	264	152	76
10.02 (1.67)	A	588.2	441.8	323.9	244.6	196.0	174.0	154.2	137.7	117.9	111.3	87.5	49.7	36.7	23.8	13.2	6.6
	W	5756	4604	3412	2769	2314	1975	1767	1614	1455	1296	981	559	414	268	164	82
9.90V (1.65)	A	605.9	448.4	327.2	246.7	197.7	176.3	155.3	139.9	118.9	112.4	88.6	50.8	37.8	23.8	13.4	6.7
	W	5816	4665	3429	2792	2355	2048	1774	1628	1476	1331	986	570	442	313	174	87
9.60 (1.60)	A	666.5	484.7	339.3	254.5	200.5	181.8	157.5	145.5	121.2	115.7	89.6					
	W	6180	4872	3526	2799	2363	2072	1781	1636	1490	1345	998					

Symbol "C" represent the measured nominal capacity of battery in 20 hours discharge rate.
The initial discharge capacity of new battery take 95% of the above-mentioned values, and can reach the actual capacity after 3-5 times charge and discharge.

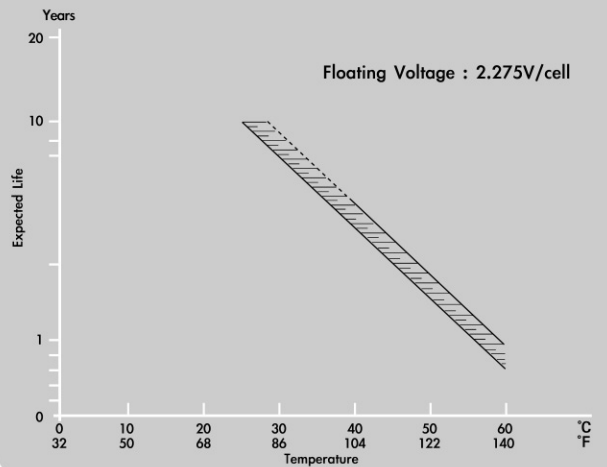
DISCHARGING

DISCHARGING CHARACTERISTICS

Discharging Characteristics Curves at 25°C

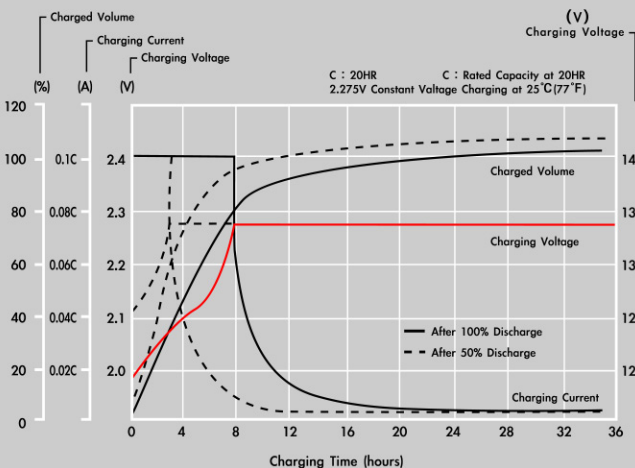


ACCELERATED LIFE CHARACTERISTIC



CHARGING

CHARGING CHARACTERISTICS



CHARGING VOLTAGE

Relationship Between Temperature and Charging Voltage

