



NPW36-12 ▶ 12V/36W/cell (10min)

Expected float use life 3~5 years, at 25°C.

Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	36W/cell (10 min)
Weight	Approx. 2.25kg
Maximum Discharge Current	105A(5sec)
Internal Resistance	Approx. 25mΩ
Operating Temperature Range	Discharge: -15°C~45°C Charge: -15°C~45°C Storage: -15°C~45°C
Nominal Operating Temperature Range	25°C±2°C
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25°C (77°F)
Recommended Maximum Charging Current Limit	1.75A
Equalization and Cycle Service	14.4 to 15.0 VDC/unit Average at 25°C (77°F)
Terminal	Faston Tab 250
Container Material	ABS(UL 94-HB) & Flammability resistance of (UL 94-V0) can be available upon request.



MH 29104



No. ATE20070784 003

Yuasa is also certified by
ISO 9001, ISO 14001
and OHSAS 18001

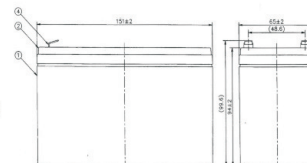
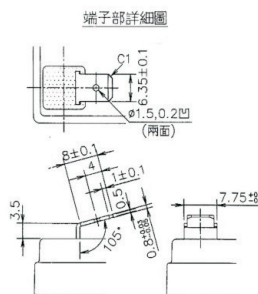
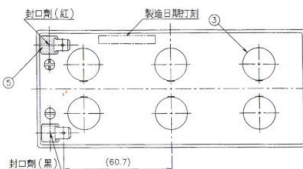
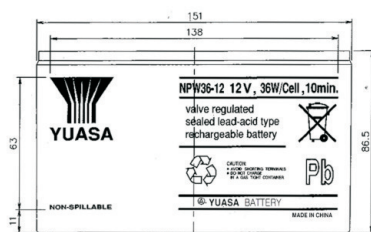
Dimensions : Unit: mm

Overall Height (H)
97.5±2

Container height (h)
94±1

Length (L)
151±1

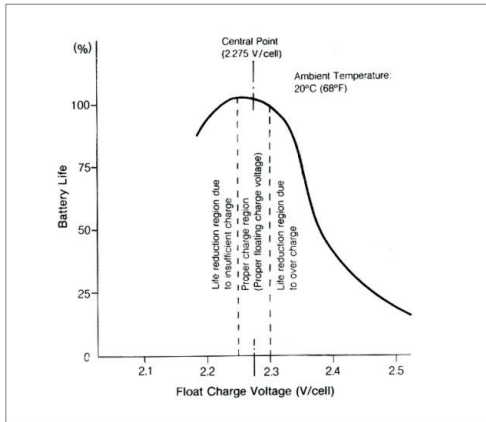
Width (W)
65±1



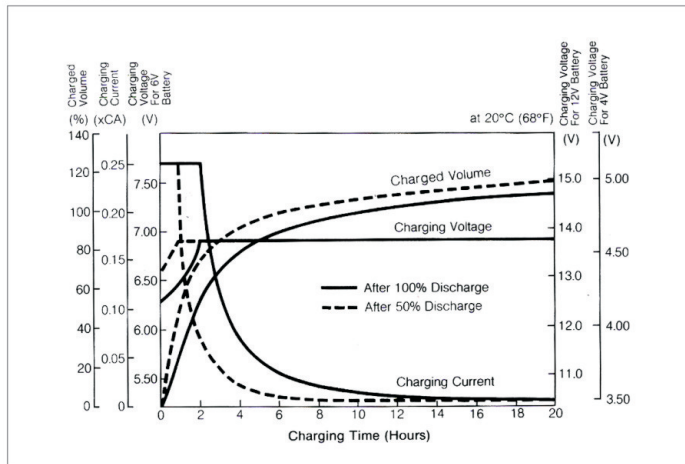
CONSTANT POWER DISCHARGE CHARACTERISTICS UNIT: WATT/A(25°C, 77°F)

Time F. V		2.0M	5.0M	10.0M	15.0M	30.0M	1HR	3HR	5HR	10HR	20HR
10.8V	W	/	282	194	149	90.0	52.5	19.8	12.5	7.0	4.2
	A	/	25.4	17.4	13.4	8.1	3.95	1.60	0.95	0.62	0.34
10.2V	W	459	309	209	160	93	55.2	20.0	13.0	7.3	4.2
	A	41.3	27.8	18.8	14.4	8.3	4.0	1.65	1.00	0.63	0.35
9.6V	W	510	330	216	163	95	55.7	21.5	14.0	7.5	4.3
	A	/	29.7	19.4	14.7	8.5	4.2	1.75	1.10	0.65	0.35

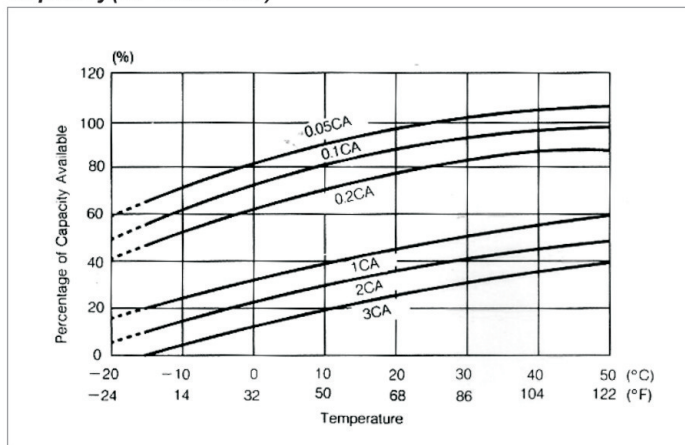
Relationship between Float Charge Voltage and Battery Life



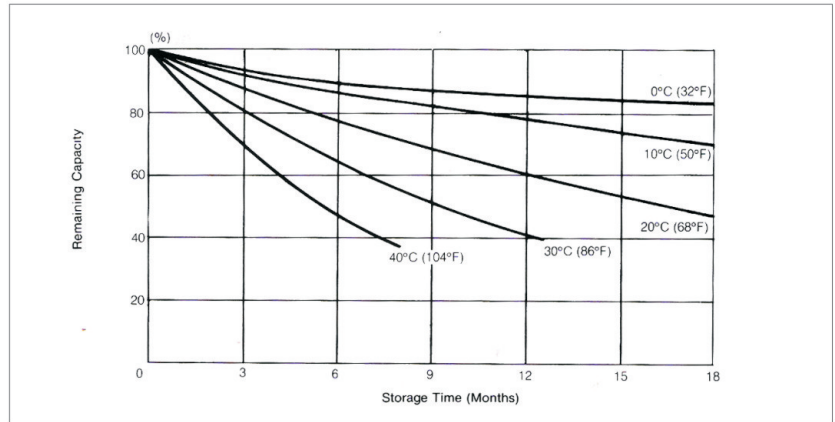
0.25CA-6.90V (13.8V, 4.6V) Conatant Voltage Charging



Temperature Effects in Relation to Battery Capacity (NP Batteries)

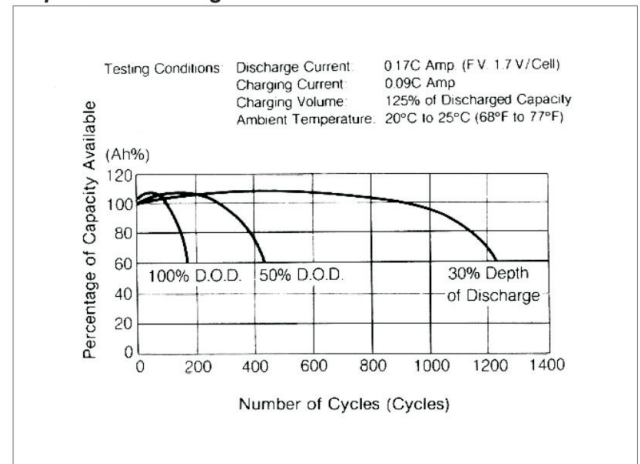


Self Discharge Characteristics

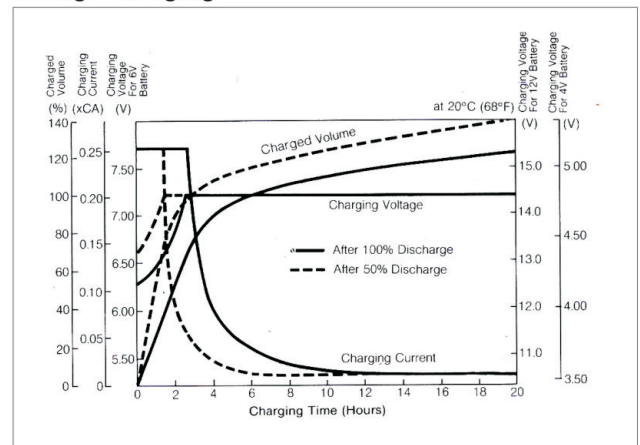


Self Discharge Characteristics

Cycle Service Life in Relation to Depth of Discharge



0.25CA-7.20V (14.4V, 4.8V) Conatant Voltage Charging



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