



VRLA Battery

NP 17-12

12V17AH

VRLA Battery

- completely sealed and maintenance-free, low self-discharge
- 100% precise quality testing, stable quality and high reliable performance
- Unique grid alloy formula and updated manufacturing technique
- Floating & standby use: up to 5 years
- Cycle use 1: More than 300 cycles at 80% DOD

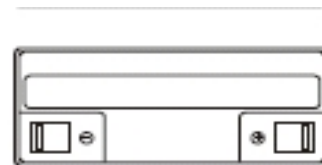
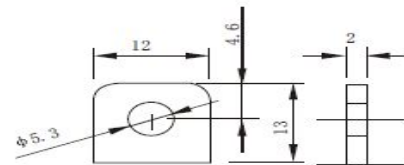
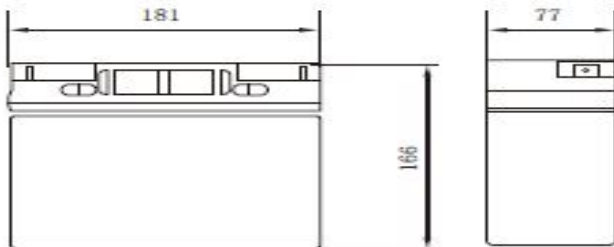


Application:

- Telecommunications
- UPS/EPS
- DC Power Supply
- Solar system
- Wind Power System
- Auto Control System

Construction:

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valveRubber
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

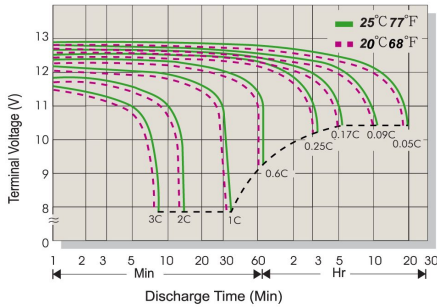


Specification:

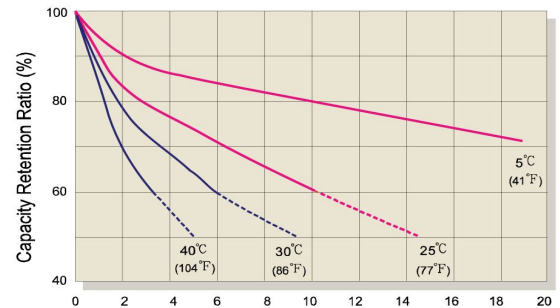
Battery Model	NP 17-12 12V17AH			
Designer Floating Life	Up to 5 Years			
Capacity (25°C)	20HR(0.95A,10.50V)	10HR(1.8A,10.50V)	5HR(3.062A,10.5V)	1HR(9.9A,10.5V)
	19AH	184AH	15.3AH	9.9AH
Dimensions	Length	Width	Height	Total Height
	1816mm (7.15inch)	77mm (3.0inch)	167mm (6.6inch)	167mm (6.6inch)
Approx. Weight	5.2Kg (12.1 lbs)			
Internal Resistance	Full charged at 25°C: ≤12mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	88%	78%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-14.6V(-30mV/°C), max. Current: 5.4A		13.6-13.8V (-20mV/°C)	



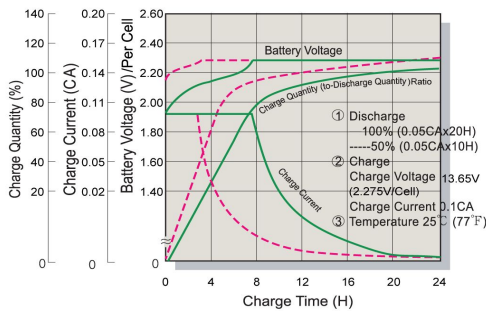
Terminal Voltage (V) and Discharge Time



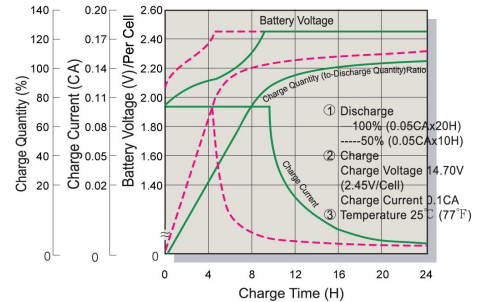
Capacity Retention Characteristic



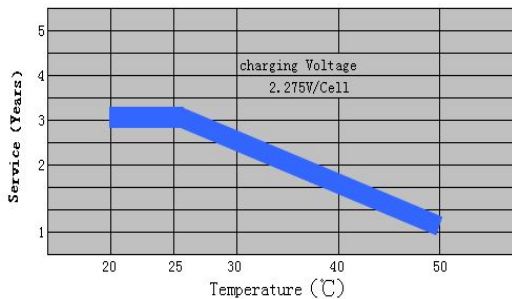
Battery Voltage and Charge Time for Standby



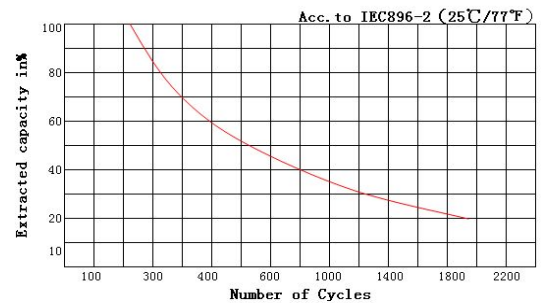
Battery Voltage and Charge Time for Cycle Use



Tickle(or Float) Service Life



Cycle Service Life



Constant Current Discharge (CC, Unit: A) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
9.6V	61.2	40.1	29.8	19.6	10.2	5.95	4.38	3.51	2.98	1.97	1.61	0.95
10.2V	56.1	38.4	27.3	18.6	9.58	5.71	4.25	3.40	2.93	1.93	1.58	0.92
10.5V	51.1	35.9	25.5	18.0	9.27	5.60	4.18	3.23	2.89	1.91	1.56	0.90
10.8V	49.1	34.3	23.3	17.5	8.98	5.45	4.11	3.17	2.76	1.86	1.52	0.83
11.1V	45.4	32.3	22.1	17.0	8.64	5.31	3.90	3.12	2.64	1.81	1.49	0.81

Constant Power Discharge (CP, Unit: W) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
9.6V	635	431	319	210	110	65.8	49.2	39.5	33.9	22.6	18.6	10.4
10.2V	603	429	306	208	108	65.3	48.7	39.3	34.1	22.4	18.4	10.2
10.5V	561	408	291	207	107	64.9	48.6	37.8	33.9	22.3	18.3	10.0
10.8V	551	395	274	203	104	63.9	48.4	37.5	32.7	22.1	18.1	9.87
11.1V	515	374	257	199	102	62.8	46.3	37.1	21.7	21.7	18.0	9.78