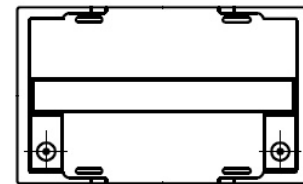
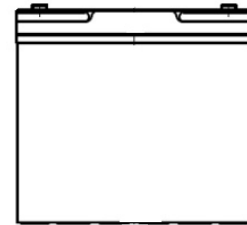


WP Series SLA Battery

- 100% before shipment testing
- Stable and reliable long-term quality
- Patented grid alloy formula and updated manufacturing technique
- Completely sealed and maintenance-free
- Low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating & standby use: 3-5 years

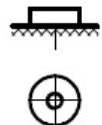
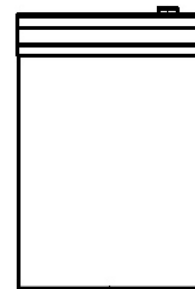


Application:

- Alarm System
- Cable Television
- Communication Equipment
- Emergency Power System
- Security System
- Medical Equipments
- UPS
- Power tools
- Control Equipments
- Toys

Construction:

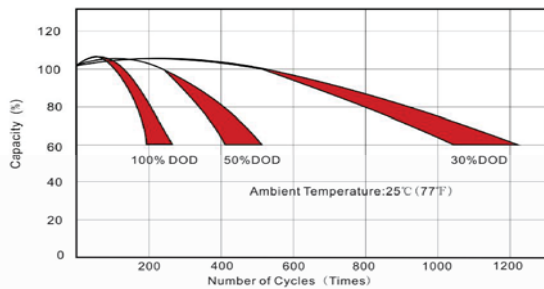
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valve Rubber
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



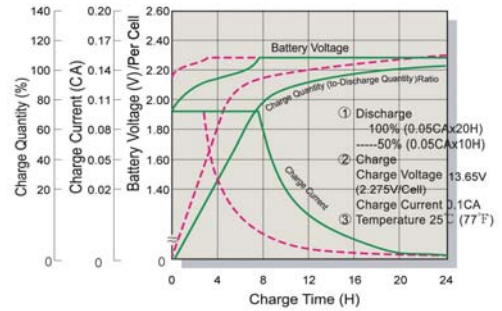
Specification:

Battery Model	WP 18-12 12V 18.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(0.9A,10.5V)	10 Hrs(1.68A,10.5V)	5 Hrs(3.08A,10.5V)	1 Hr(11.25A,10.5V)
Dimensions	Length	Width	Height	Total Height
	181mm (7.15inch)	76mm (3.00inch)	167.5mm(6.59inch)	167.5mm(6.59inch)
Approx. Weight	5.40Kg (11.90lbs) ± 5%			
Internal Resistance	Full charged at 25°C : ≤30mΩ			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by	40°C	25°C	0°C	-05°C
	105%	100%	85%	70%
Temp.(20HR) Charge Voltage(25°C)	Cycle use		Float use	
	14.2-14.8V(-30mV/°C)		13.6-13.8V (-20mV/°C)	

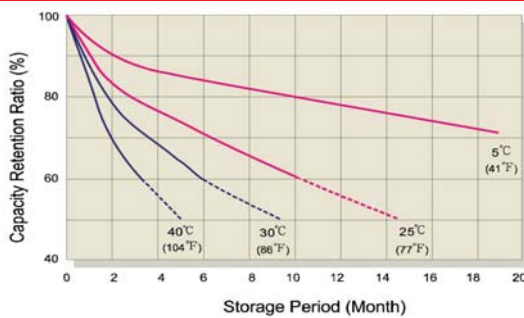
Cycle Service Life



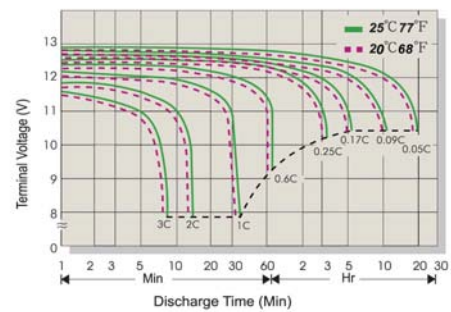
Battery Voltage and Charge Time for Standby Use



Capacity Retention Characteristic



Terminal Voltage (V) and Discharge Time



Constant Current Discharge Performance (CC, Unit:A) at 25°C*

ECV	10 Min	15 Min	30 Min	1 Hour	3 Hour	5 Hour	10 Hour	20 Hour
1.70V/Cell	38.18	29.70	18.00	11.39	4.55	3.09	1.71	0.92
1.75V/Cell	36.72	29.02	17.82	11.25	4.54	3.08	1.68	0.90
1.80V/Cell	36.00	28.57	17.65	10.77	4.52	3.05	1.67	0.90
1.85V/Cell	35.24	27.98	17.59	10.72	4.51	3.04	1.66	0.89

Constant Power Discharge Performance (CP, Unit:W) at 25°C*

ECV	10 Min	15 Min	30 Min	1 Hour	3 Hour	5 Hour	10 Hour	20 Hour
1.70V/Cell	56.2	45.7	26.3	15.5	7.4	5.1	2.8	1.4
1.75V/Cell	55.2	44.9	25.9	15.2	7.3	5.0	2.7	1.4
1.80V/Cell	52.1	44.0	25.4	14.8	7.2	4.9	2.7	1.3
1.85V/Cell	50.5	43.2	25.0	14.5	7.2	4.8	2.6	1.2

***Note:** The above data are average values and can be obtained within 3-4 charge/discharge cycles. A tolerance of ±5% is applicable for the above constant power discharge and constant current discharge values.

Certifications:

