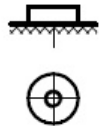
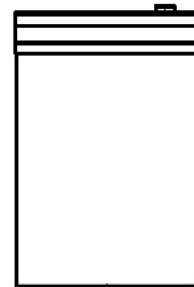
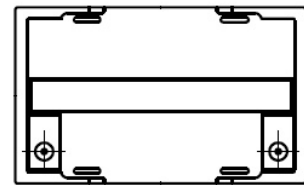
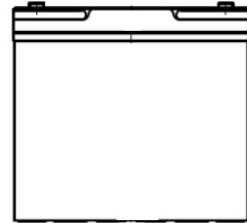


WP Series SLA Battery

- 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

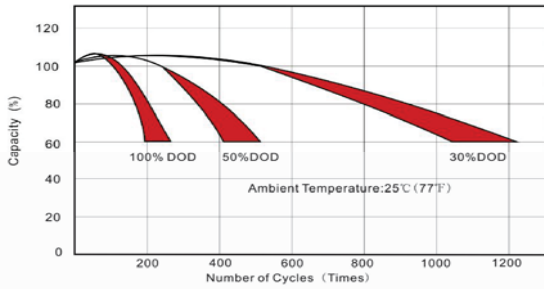
Construction:

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

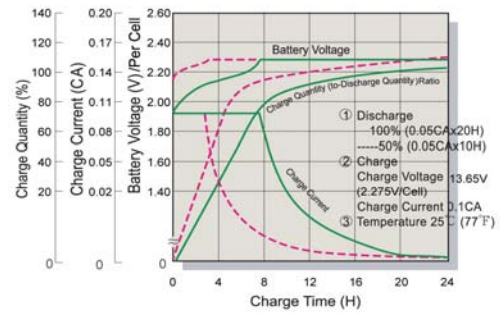
Specification:

Battery Model	WP 100-12 12V 100.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(5.00A,10.5V)	10 Hrs(9.31A,10.5V)	5 Hrs(17.09A,10.5V)	1 Hr(62.48A,10.5V)
Dimensions	Length	Width	Height	Total Height
	410mm (16.14inch)	175mm (6.88inch)	225mm (8.85inch)	225mm (8.85inch)
Approx. Weight	26.20Kg (57.76lbs)±5%			
Internal Resistance	Full charged at 25°C : ≤10mΩ			
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)	

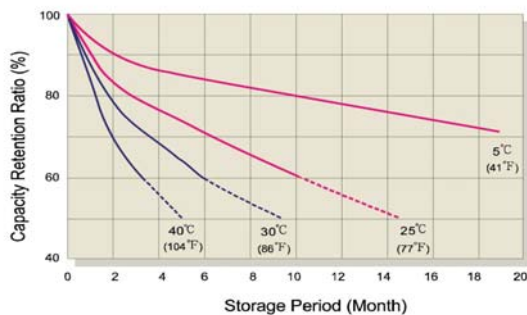
Cycle Service Life



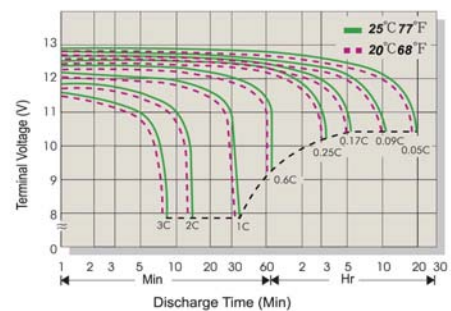
Battery Voltage and Charge Time for Standby Use



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	212.08	165.01	100.00	63.29	25.29	17.15	9.49	5.08
1.75V/Cell	204.01	161.23	98.98	62.48	25.24	17.09	9.31	5.00
1.80V/Cell	200.00	158.73	98.04	59.81	25.13	16.95	9.26	4.98
1.85V/Cell	195.78	155.44	97.71	59.53	25.07	16.86	9.21	4.96

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	385.0	314.1	193.0	119.6	52.2	35.3	20.0	10.1
1.75V/Cell	376.0	303.6	188.6	116.7	50.7	34.5	19.8	10.0
1.80V/Cell	366.9	292.9	184.3	113.9	49.2	33.6	19.6	10.0
1.85V/Cell	355.7	281.3	179.8	110.5	47.9	32.4	19.5	9.9

***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:

