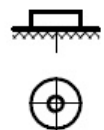
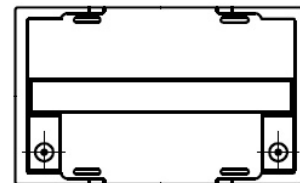
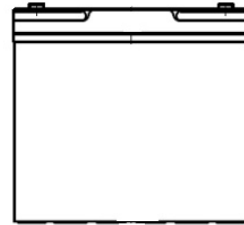


WP Series SLA Battery

- 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:

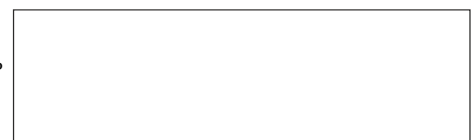
- Alarm System
- Cable Television
- Communication Equipment
- Emergency Power System
- Security System
- Medical Equipments
- UPS
- Power tools
- Control Equipments
- Toys

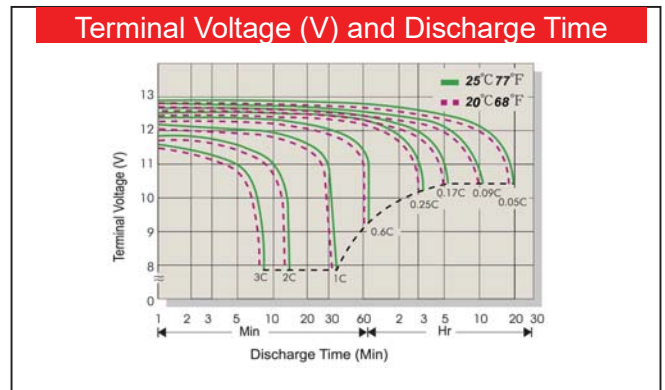
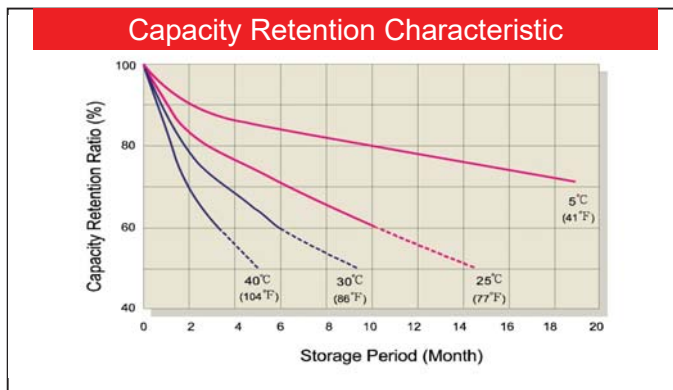
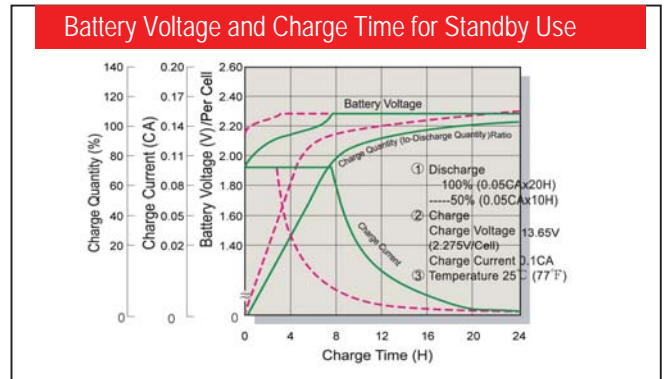
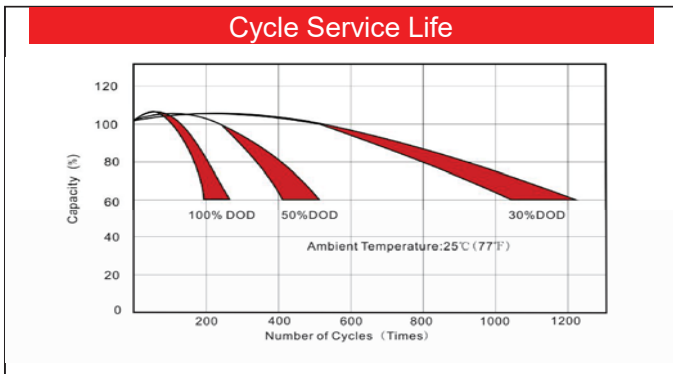
Construction:

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

Specification:

Battery Model	WP 55-12 12V 55.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(2.75A,10.5V)	10 Hrs(5.12A,10.5V)	5 Hrs(9.40A,10.5V)	1 Hr(34.36A,10.5V)
Dimensions	Length	Width	Height	Total Height
	229mm (9.01inch)	138mm (5.43inch)	208mm (8.18inch)	213mm(8.38inch)
Approx. Weight	18.5Kg (40.8lbs)±5%			
Internal Resistance	Full charged at 25°C : ≤20mΩ			
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)	





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	116.65	90.76	55.00	34.81	13.91	9.44	5.22	2.80
1.75V/Cell	112.21	88.68	54.44	34.36	13.88	9.40	5.12	2.75
1.80V/Cell	110.00	87.30	53.92	33.90	13.82	9.32	5.09	2.74
1.85V/Cell	107.68	85.49	53.74	33.74	13.79	9.27	5.07	2.73

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	200.7	163.2	93.9	55.4	26.5	18.2	10.1	5.0
1.75V/Cell	197.3	160.2	92.3	54.2	26.3	17.9	10.0	4.9
1.80V/Cell	186.2	157.3	90.7	52.9	26.2	17.6	9.9	4.9
1.85V/Cell	180.2	154.2	89.2	51.7	26.0	17.3	9.8	4.8

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

Certifications:

