

WP Series SLA Battery

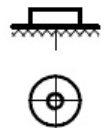
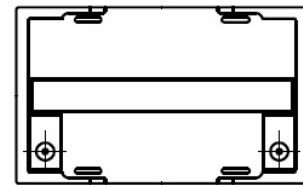
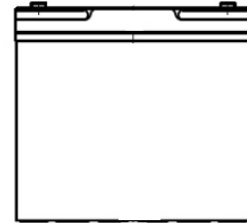
- 100% before shipment testing
- Stable and reliable long-term quality
- Patented grid alloy formula and updated manufacturing technique
- Completely sealed and maintenance-free
- Low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating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

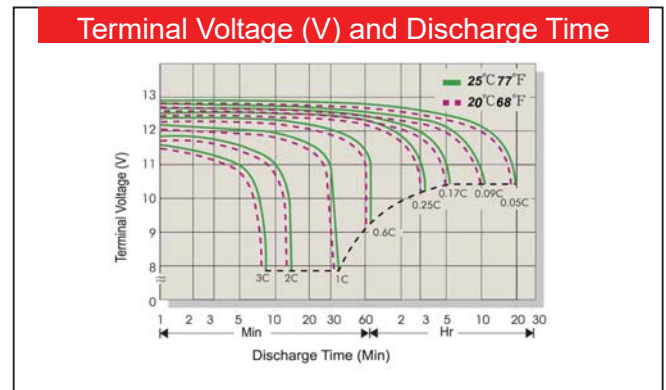
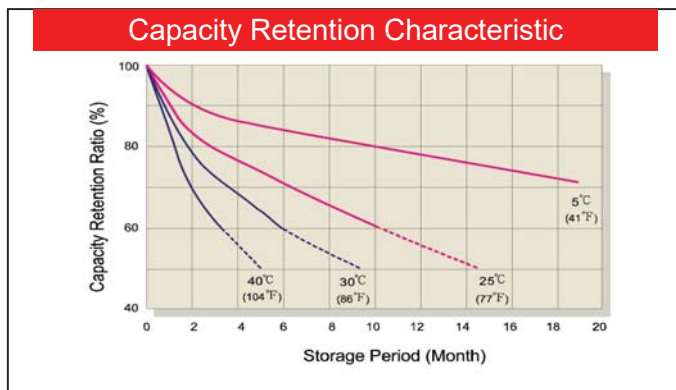
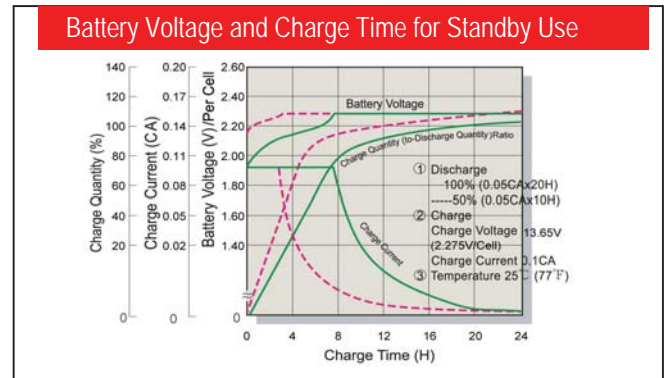
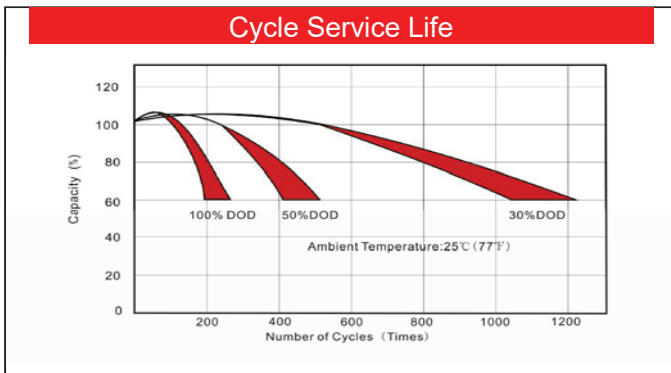
Construction:

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



Specification:

Battery Model	WP 28-12 12V 28.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(1.40A,10.5V)	10Hrs(2.61A,10.5V)	5Hrs(4.78A,10.5V)	1Hr(17.49A,10.5V)
Dimensions	Length	Width	Height	Total Height
	165mm(6.52inch)	175mm(6.89inch)	125mm(4.92inch)	125mm(4.92inch)
Approx. Weight	7.70Kg (16.97lbs) ±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(250°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	59.38	46.20	28.00	17.72	7.08	4.80	2.66	1.42
1.75V/Cell	57.12	45.14	27.71	17.49	7.07	4.78	2.61	1.40
1.80V/Cell	56.00	44.44	27.45	16.75	7.04	4.75	2.59	1.39
1.85V/Cell	54.82	43.52	27.36	16.67	7.02	4.72	2.58	1.38

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	118.4	90.1	53.6	33.8	13.4	9.0	5.0	2.3
1.75V/Cell	112.7	86.7	52.1	33.1	13.3	8.9	4.9	2.2
1.80V/Cell	106.8	83.4	50.5	32.3	13.2	8.8	4.8	2.1
1.85V/Cell	100.3	79.8	49.2	31.5	13.1	8.7	4.7	2.1

***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:

