

WP Series SLA Battery

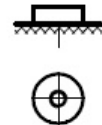
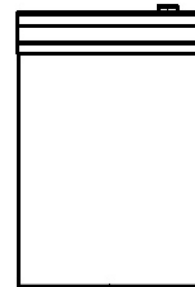
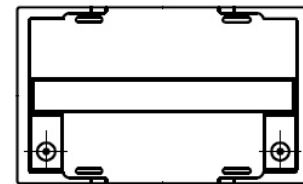
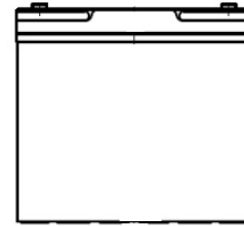
- 100% before shipment testing
- Stable and reliable long-term quality
- Patented grid alloy formula and updated manufacturing technique
- Completely sealed and maintenance-free
- Low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating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

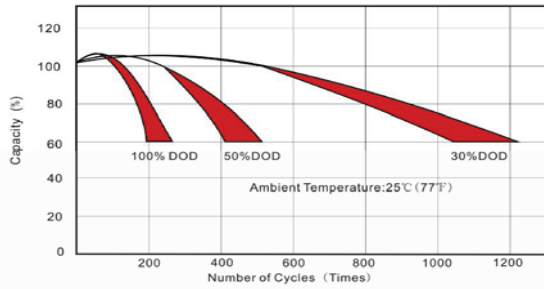
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valve Rubber
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



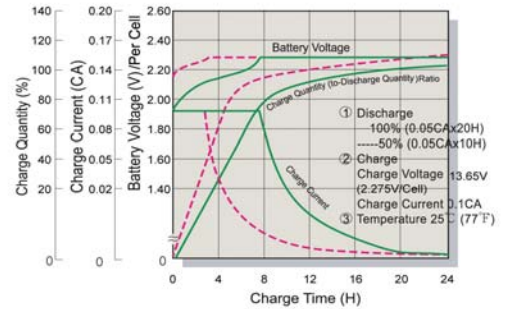
Specification:

Battery Model	WP 250-12 12V 250.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(12.5A,10.5V)	10Hrs(23.27A,10.5V)	5Hrs(42.72A,10.5V)	1Hr(156.19A,10.5V)
Dimensions	Length	Width	Height	Total Height
	533mm (20.98inch)	250mm (9.84inch)	240mm (9.44inch)	240mm (9.44inch)
Approx. Weight	67.20Kg (148.15lbs) ±5%			
Internal Resistance	Full charged at 25°C : ≤ 05mΩ			
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)	

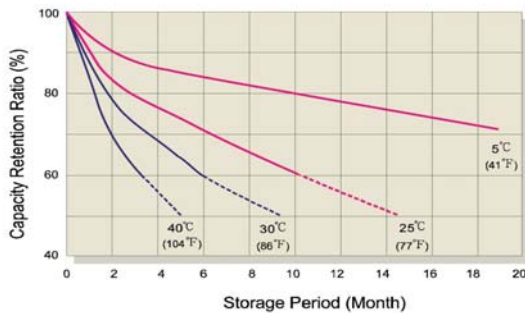
Cycle Service Life



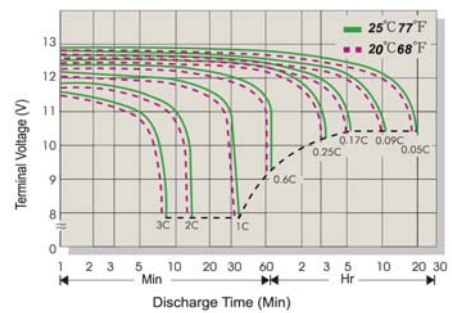
Battery Voltage and Charge Time for Standby Use



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	530.21	412.53	250.00	158.21	63.21	42.89	23.72	12.71
1.75V/Cell	510.03	403.07	247.44	156.19	63.10	42.72	23.27	12.50
1.80V/Cell	500.00	396.82	245.09	149.52	62.83	42.38	23.15	12.44
1.85V/Cell	489.46	388.61	244.28	148.83	62.68	42.15	23.03	12.39

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	955.0	776.7	446.8	263.4	126.1	86.4	48.1	23.6
1.75V/Cell	938.7	762.2	439.3	257.8	125.2	85.0	47.6	23.3
1.80V/Cell	885.9	748.2	431.6	251.9	124.8	83.6	47.1	23.1
1.85V/Cell	857.6	733.8	424.6	245.7	123.7	82.2	46.7	22.9

*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:

