

WP Series SLA Battery

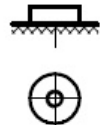
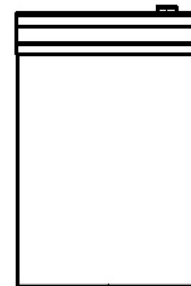
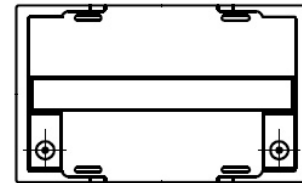
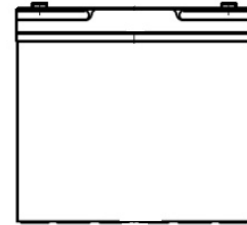
- 100% before shipment testing
- Stable and reliable long-term quality
- Patented grid alloy formula and updated manufacturing technique
- Completely sealed and maintenance-free
- Low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating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

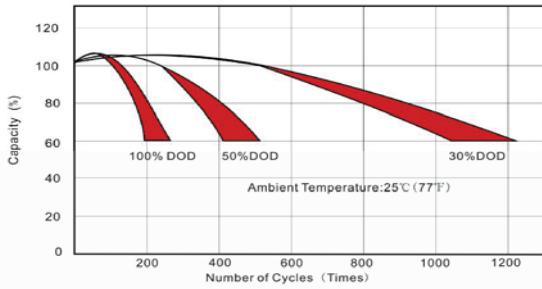
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valve Rubber
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



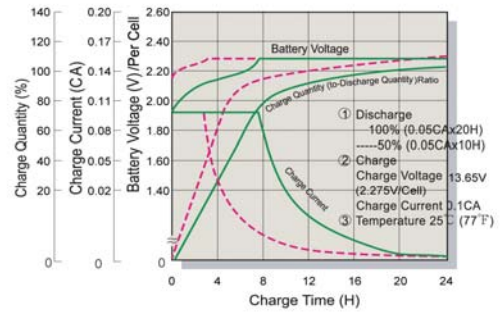
Specification:

Battery Model	WP 150-12 12V 150.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(7.50A,10.5V)	10 Hrs(13.96A,10.5V)	5 Hrs(25.63A,10.5V)	1 Hr(93.72A,10.5V)
Dimensions	Length	Width	Height	Total Height
	525mm (20.66inch)	220mm (8.66inch)	225mm (8.85inch)	225mm (8.85inch)
Approx. Weight	46.7Kg (102.95lbs) ± 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)	

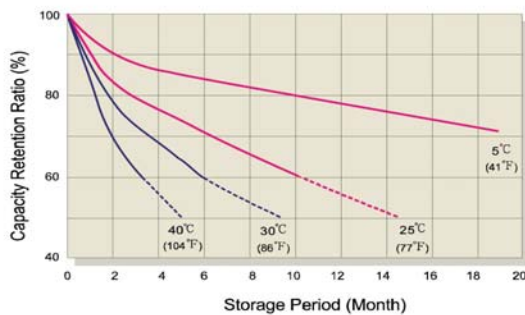
Cycle Service Life



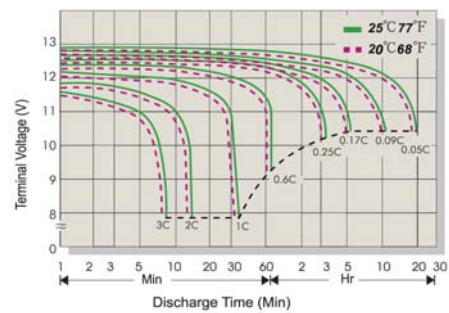
Battery Voltage and Charge Time for Standby Use



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	318.13	247.52	150.00	94.93	37.93	25.73	14.23	7.63
1.75V/Cell	306.02	241.84	148.47	93.72	37.86	25.63	13.96	7.50
1.80V/Cell	300.00	239.09	147.05	89.71	37.70	25.43	13.89	7.46
1.85V/Cell	293.67	233.17	146.57	89.30	37.61	25.29	13.82	7.43

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	548.4	454.9	292.7	179.3	78.4	53.0	30.0	15.3
1.75V/Cell	522.9	448.7	287.5	175.1	76.0	51.7	29.7	15.1
1.80V/Cell	497.4	428.7	282.4	170.8	73.7	50.3	29.5	15.0
1.85V/Cell	472.6	407.8	277.8	166.7	70.2	48.8	29.2	14.8

***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:

