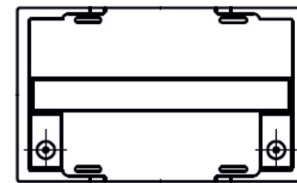
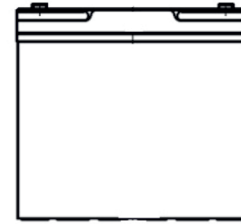


WP Series SLA Battery

- 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

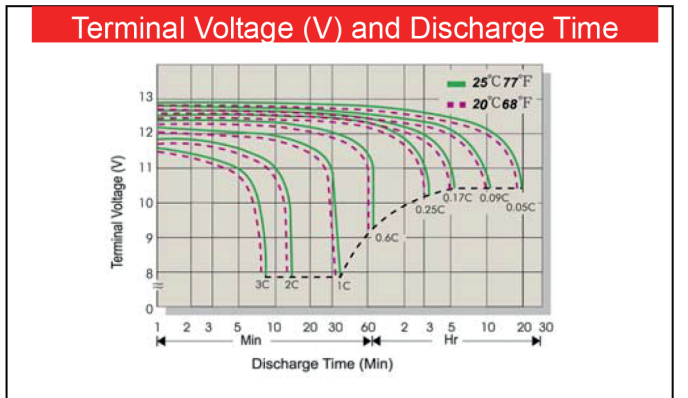
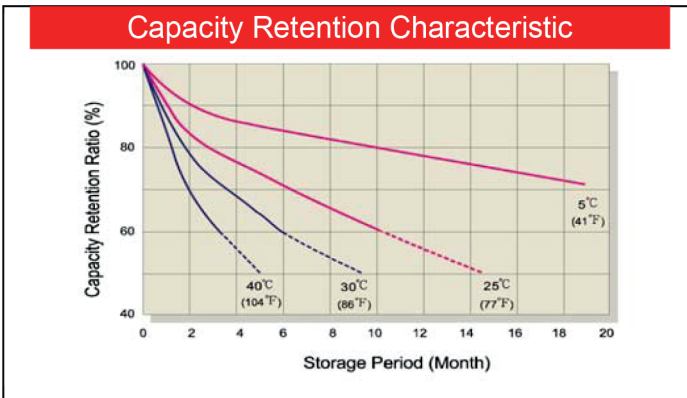
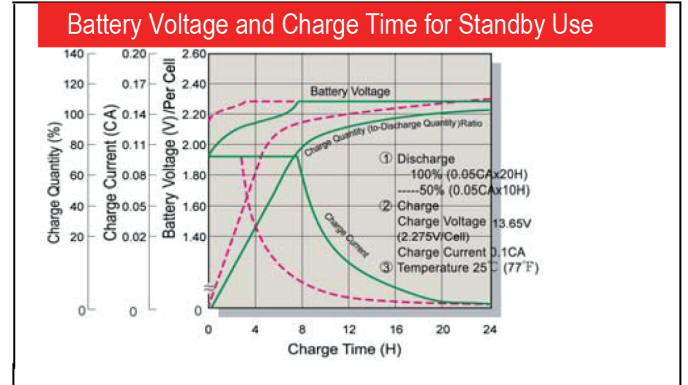
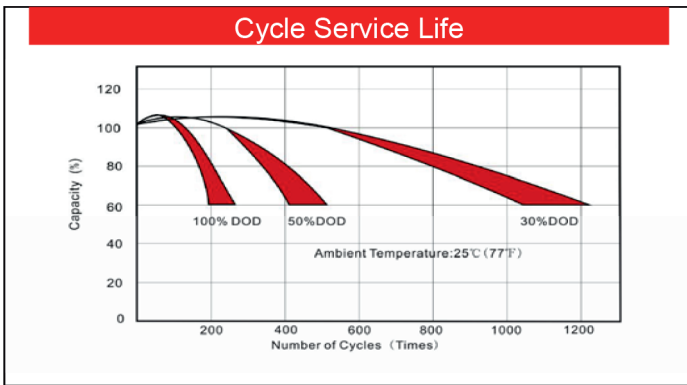


Construction:

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

Specification:

Battery Model	WP 90-12 12V 90.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(4.50A,10.5)	10 Hrs(8.1A,10.5V)	5 Hrs(14.1A,10.5V)	1 Hr(51.7A,10.5V)
Dimensions	Length	Width	Height	Total Height
	331mm (13.03inch)	166mm (6.53inch)	175mm (6.88inch)	175mm (6.88inch)
Approx. Weight	21.5Kg (47.39 lbs)±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	
	14.2-14.8(-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	167.5	134.5	87.2	52.7	21.2	14.4	8.3	4.6
1.75V/Cell	159.5	128.1	83.0	51.7	20.8	14.1	8.1	4.5
1.80V/Cell	151.5	121.7	78.9	49.1	20.4	13.8	7.9	4.4
1.85V/Cell	143.9	115.6	74.9	46.7	20.0	13.5	7.8	4.3

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	307.7	251.4	167.6	105.0	41.8	28.5	16.6	9.2
1.75V/Cell	293.0	239.4	159.6	100.0	41.0	28.0	16.3	9.1
1.80V/Cell	278.4	227.4	151.6	95.0	40.1	27.4	16.0	8.9
1.85V/Cell	264.4	216.1	144.0	90.2	39.3	26.8	15.7	8.7

***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:

