

WP Series SLA Battery

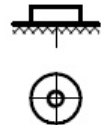
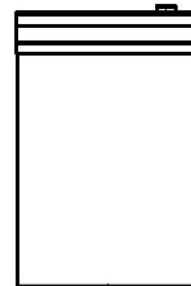
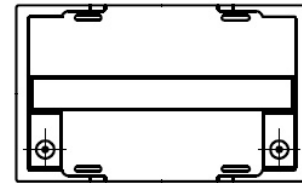
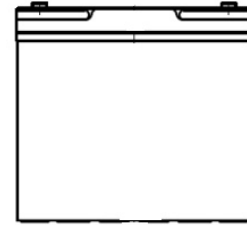
- 100% before shipment testing
- Stable and reliable long-term quality
- Patented grid alloy formula and updated manufacturing technique
- Completely sealed and maintenance-free
- Low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating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

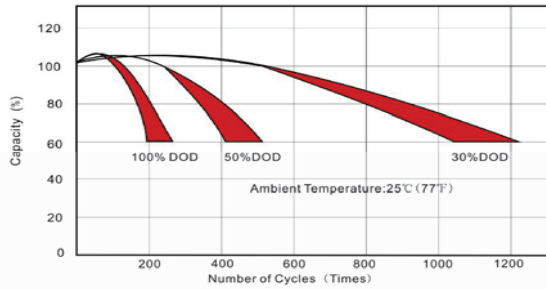
- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valve Rubber
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



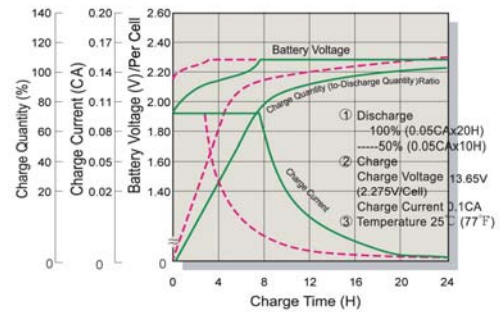
Specification:

| | | | | |
|----------------------------------|---|----------------------|-----------------------|--------------------|
| Battery Model | WP 130-12 12V 130.0Ah | | | |
| Designed Floating Life | 3~5 Years | | | |
| Capacity @25°C | 20Hrs(6.50A,10.5V) | 10 Hrs(12.10A,10.5V) | 5 Hrs(22.22A,10.5V) | 1 Hr(81.22A,10.5V) |
| | 130.00Ah | 112.00Ah | 92.40Ah | 81.00Ah |
| Dimensions | Length | Width | Height | Total Height |
| | 410mm (16.14inch) | 175mm (6.88inch) | 225mm (8.85inch) | 225mm (8.85inch) |
| Approx. Weight | 26.70Kg (58.86lbs)±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) | |

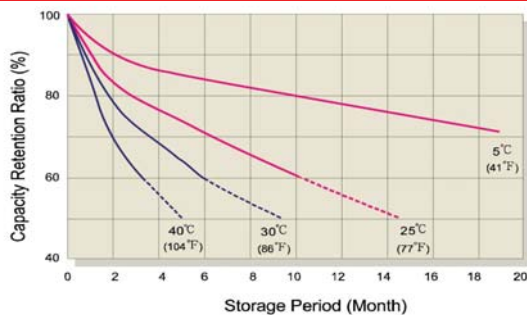
Cycle Service Life



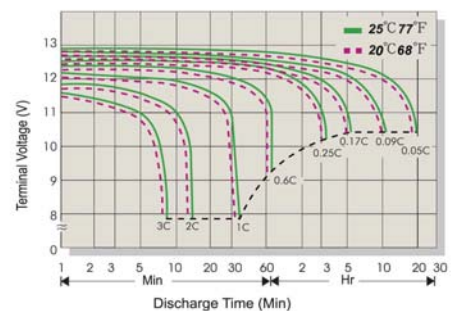
Battery Voltage and Charge Time for Standby Use



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 | 275.71 | 214.52 | 130.00 | 82.27 | 32.87 | 22.30 | 12.33 | 6.61 |
| 1.75V/Cell | 265.21 | 209.60 | 128.67 | 81.22 | 32.81 | 22.22 | 12.10 | 6.50 |
| 1.80V/Cell | 260.00 | 206.34 | 127.45 | 78.75 | 32.67 | 22.04 | 12.04 | 6.47 |
| 1.85V/Cell | 254.52 | 202.08 | 127.02 | 77.39 | 32.59 | 21.92 | 11.98 | 6.44 |

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 | 503.2 | 414.2 | 251.5 | 148.3 | 66.2 | 45.0 | 24.5 | 13.0 |
| 1.75V/Cell | 481.4 | 394.5 | 247.2 | 143.6 | 65.8 | 44.4 | 24.3 | 12.9 |
| 1.80V/Cell | 459.5 | 374.8 | 242.8 | 138.9 | 65.2 | 43.7 | 24.2 | 12.8 |
| 1.85V/Cell | 437.7 | 354.4 | 237.9 | 133.5 | 64.7 | 43.0 | 24.0 | 12.7 |

*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:

