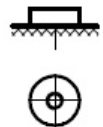
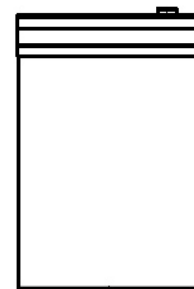
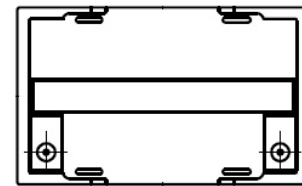
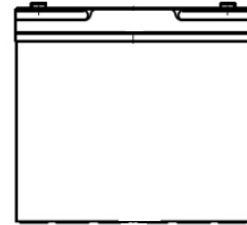


### WP Series SLA Battery

- 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

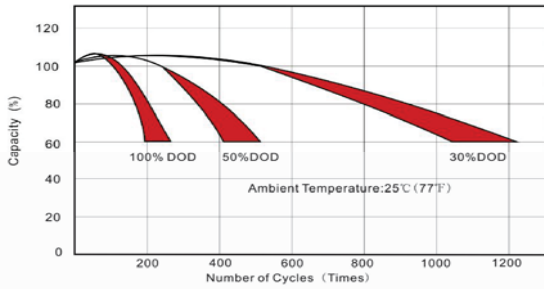
#### Construction:

- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy
- Safety valve .... Rubber
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid

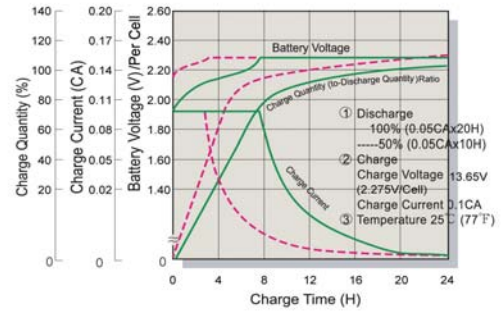
#### Specification:

|                                  |   |                     |                       |                    |
|----------------------------------|---|---------------------|-----------------------|--------------------|
| Battery Model                    | WP 35-12 12V 35.0Ah                         |                     |                       |                    |
| Designed Floating Life           | 3~5 Years                                   |                     |                       |                    |
| Capacity @25°C                   | 20Hrs(1.75A,10.5V)                          | 10 Hrs(3.26A,10.5V) | 5 Hrs(5.98A,10.5V)    | 1 Hr(21.87A,10.5V) |
| Dimensions                       | Length                                      | Width               | Height                | Total Height       |
|                                  | 166mm (6.54inch)                            | 175mm (6.89inch)    | 125mm(4.92inch)       | 125mm(4.92inch)    |
| Approx. Weight                   | 7.90Kg (17.41lbs) ± 5%                      |                     |                       |                    |
| Internal Resistance              | Full charged at 25°C : ≤25mΩ                |                     |                       |                    |
| 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) |                    |

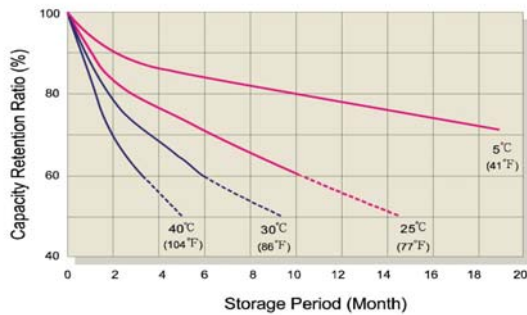
**Cycle Service Life**



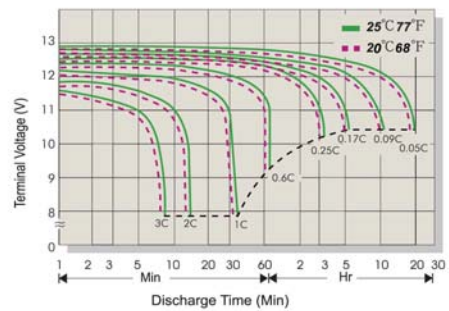
**Battery Voltage and Charge Time for Standby Use**



**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 | 74.23  | 57.75  | 35.00  | 22.15  | 8.85   | 6.00   | 3.32    | 1.78    |
| 1.75V/Cell | 71.40  | 56.43  | 34.64  | 21.87  | 8.83   | 5.98   | 3.26    | 1.75    |
| 1.80V/Cell | 70.00  | 55.55  | 34.31  | 20.93  | 8.80   | 5.93   | 3.24    | 1.74    |
| 1.85V/Cell | 68.62  | 54.41  | 34.20  | 20.84  | 8.77   | 5.90   | 3.22    | 1.73    |

**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 | 154.3  | 117.4  | 69.8   | 44.1   | 17.4   | 11.8   | 6.5     | 3.1     |
| 1.75V/Cell | 146.9  | 113.1  | 67.9   | 43.2   | 17.3   | 11.6   | 6.4     | 3.0     |
| 1.80V/Cell | 139.3  | 108.7  | 65.9   | 42.1   | 17.2   | 11.5   | 6.3     | 2.8     |
| 1.85V/Cell | 132.6  | 103.9  | 63.7   | 41.3   | 17.1   | 11.4   | 6.2     | 2.7     |

\*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:**

