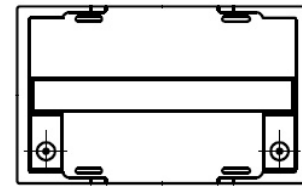
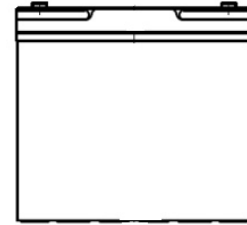


### WP Series SLA Battery

- 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

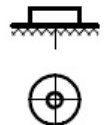


#### Application:

- Alarm System
- Cable Television
- Communication Equipment
- Emergency Power System
- Security System
- Medical Equipments
- UPS
- Power tools
- Control Equipments
- Toys

#### Construction:

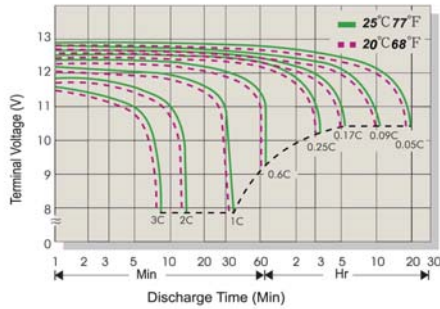
- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy
- Safety valve .... Rubber
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid



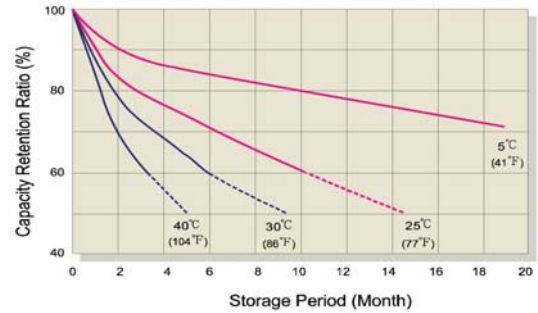
#### Specification:

Battery Model	WP 70-12 12V 70.0Ah			
Designed Floating Life	3~5 Years			
Capacity @25°C	20Hrs(3.50A,10.5V)	10 Hrs(6.51A,10.5V)	5 Hrs(11.96A,10.5V)	1 Hr(43.73A,10.5V)
	70.00Ah	64.00Ah	55.60Ah	42.00Ah
Dimensions	Length	Width	Height	Total Height
	350mm (13.77inch)	166mm (6.53inch)	181mm (7.12inch)	181mm (7.12inch)
Approx. Weight	20.2Kg (44.53lbs) ± 5%			
Internal Resistance	Full charged at 25°C : ≤ 15mΩ			
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)	

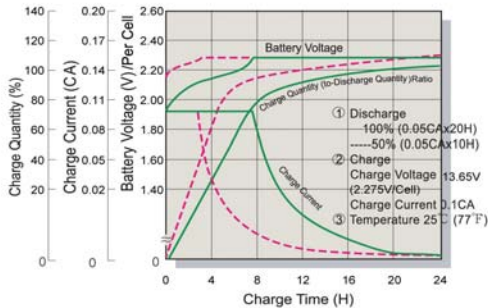
Terminal Voltage (V) and Discharge Time



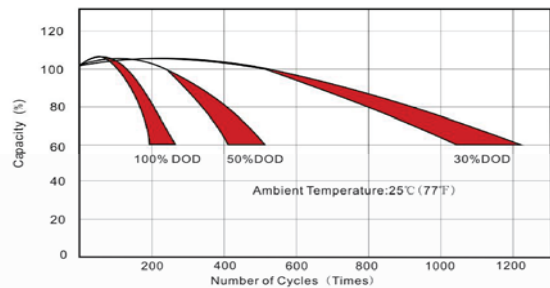
Capacity Retention Characteristic



Battery Voltage and Charge Time for Standby Use



Cycle Service Life



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	148.46	115.51	70.00	44.30	17.70	12.01	6.64	3.56
1.75V/Cell	142.81	112.86	69.28	43.73	17.67	11.96	6.51	3.50
1.80V/Cell	140.00	111.12	68.63	41.87	17.59	11.87	6.48	3.48
1.85V/Cell	137.05	108.81	68.40	41.67	17.55	11.80	6.45	3.47

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	226.8	184.5	106.1	62.5	30.0	20.5	11.4	5.6
1.75V/Cell	222.9	181.0	104.3	61.2	29.7	20.2	11.3	5.5
1.80V/Cell	210.4	177.7	102.5	59.8	29.6	19.9	11.2	5.5
1.85V/Cell	203.7	174.3	100.8	58.4	29.4	19.5	11.1	5.4

\*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:

