

- 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

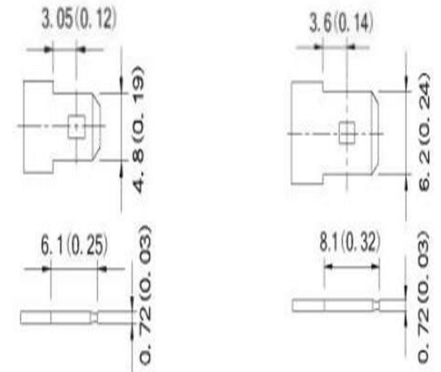


**Application:**

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

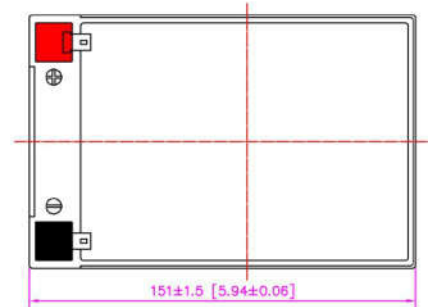
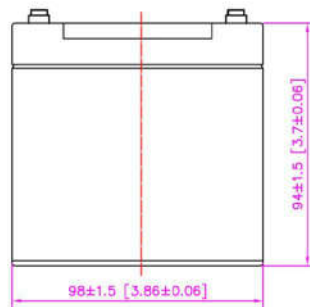
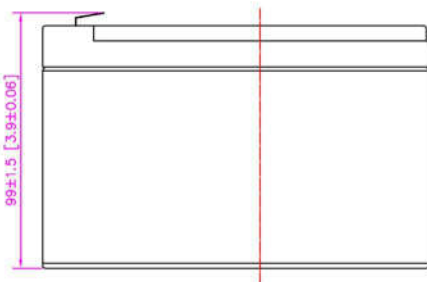
**Construction:**

- 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



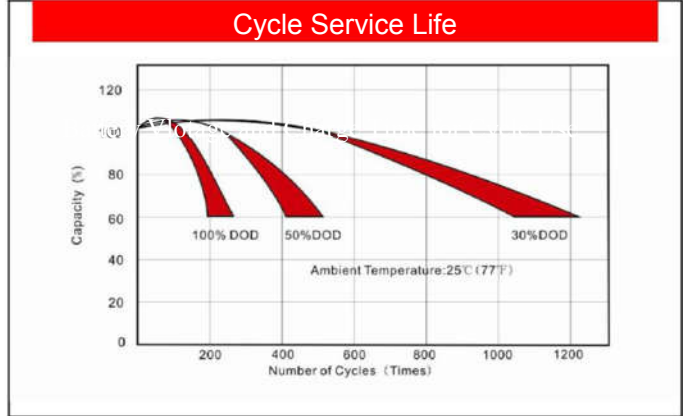
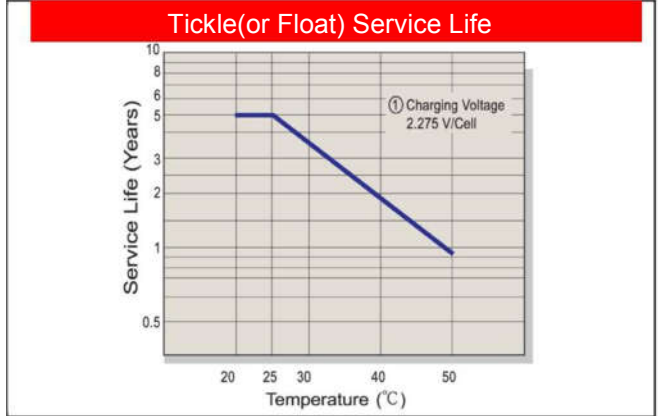
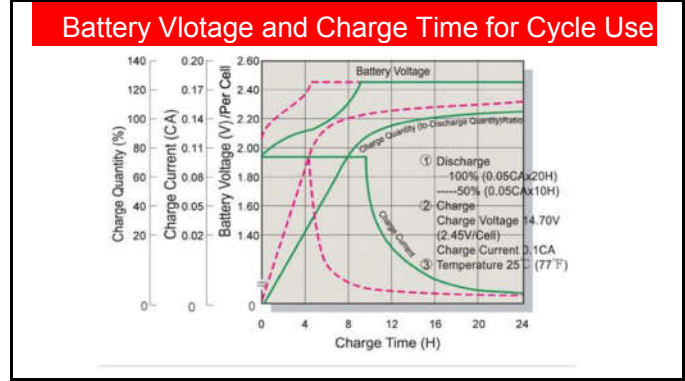
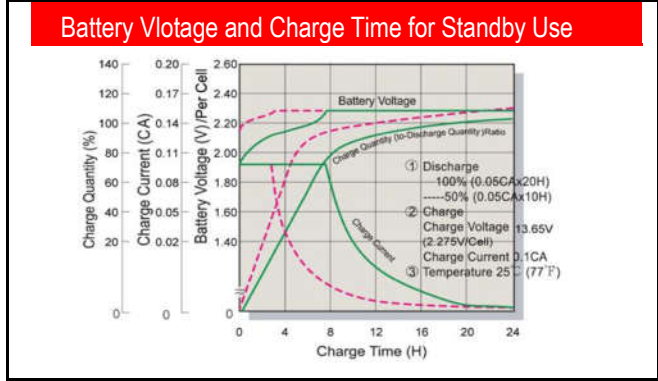
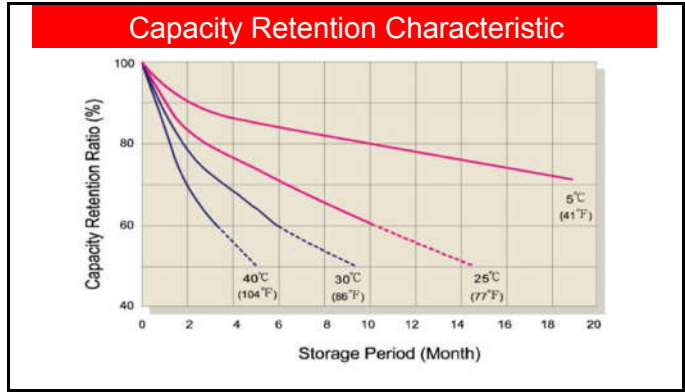
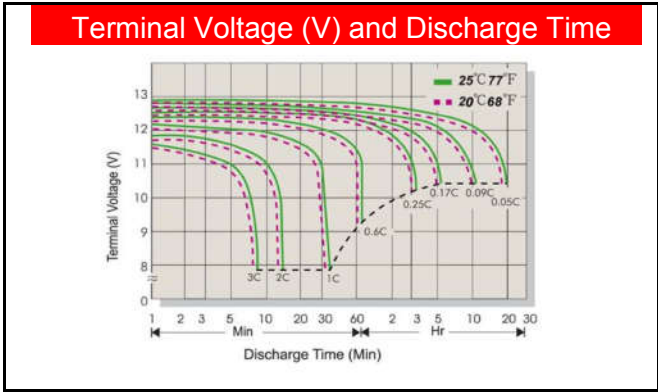
F1 Terminal

F2 Terminal



**Speification:**

Battery Model	AGM GP-12120 12V12AH			
Designed Floating Life	3~5 Years			
Capacity (25°C)	20HR(0.600A,10.5V)	10HR(1.161A,10.5V)	5HR(2.280A,10.5V)	1HR(7.788A,10.5V)
	12.00 AH	11.61 AH	11.40 AH	7.79 AH
Dimensions	Length	Width	Height	Total Height
	151 mm	98 mm	94 mm	98 mm
Approx. Weight	3.60Kg ±3%			
Internal Resistance	Full charged at 25°C : ≤19.50 mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-15.0V(-30mV/°C), max. Current: 3.00A		13.5-13.8V (-20mV/°C)	



<b>Constant Current Discharge(CC,Unit:A) at 25°C (77°F)</b>												
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	39.03	27.09	22.26	13.34	7.645	4.103	3.386	2.587	2.238	1.787	1.139	0.589
1.75V/Cell	39.76	27.60	22.67	13.59	7.788	4.179	3.449	2.635	2.280	1.821	1.161	0.600
1.70V/Cell	40.95	28.43	23.35	14.00	8.022	4.305	3.553	2.715	2.348	1.875	1.195	0.618
1.67V/Cell	42.54	29.53	24.26	14.54	8.333	4.472	3.691	2.820	2.439	1.948	1.242	0.642
1.60V/Cell	44.93	31.19	25.62	15.35	8.800	4.723	3.898	2.978	2.576	2.057	1.311	0.678
<b>Constant Power Discharge (CP,Unit:W) at 25°C (77°F)</b>												
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	76.11	52.83	43.40	26.01	14.91	8.00	6.60	5.04	4.36	3.48	2.22	1.15
1.75V/Cell	77.53	53.82	44.21	26.50	15.19	8.15	6.73	5.14	4.45	3.55	2.26	1.17
1.70V/Cell	79.86	55.43	45.54	27.29	15.64	8.39	6.93	5.29	4.58	3.66	2.33	1.21
1.67V/Cell	82.96	57.59	47.31	28.35	16.25	8.72	7.20	5.50	4.76	3.80	2.42	1.25
1.60V/Cell	87.61	60.82	49.96	29.94	17.16	9.21	7.60	5.81	5.02	4.01	2.56	1.32