

BATTERY ABP18-12L



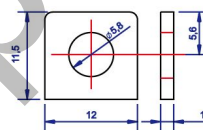
- 100% before shipment testing, stable and reliable long-term quality
- patented grid alloy formula and updated manufacturing technique
- completely sealed and maintenance-free, low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use: More than 260 cycles at 100% DOD
- Floating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

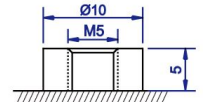
Construction:

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



M5 Bolt & Nut

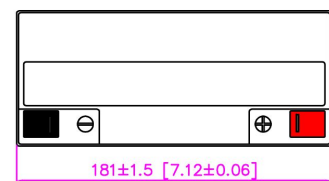
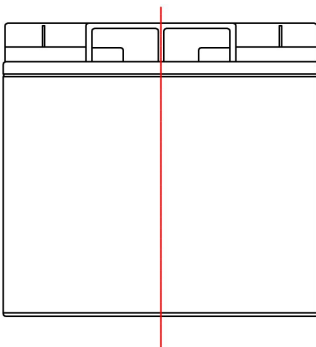
T1 Terminal



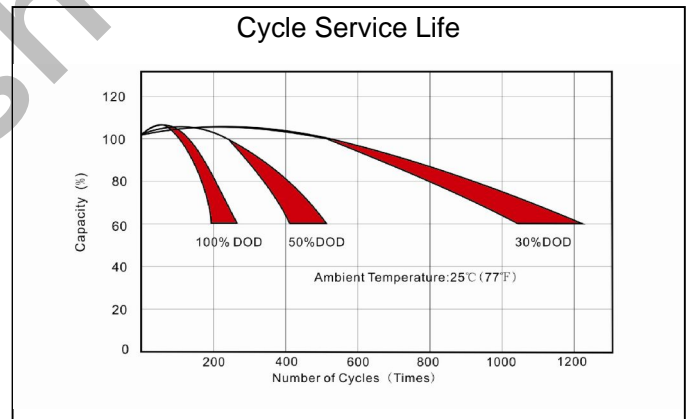
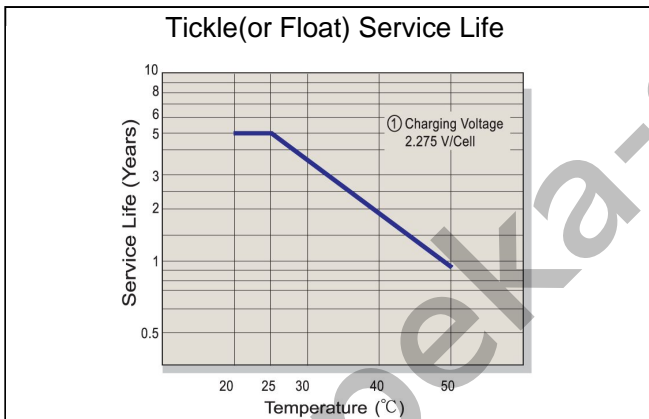
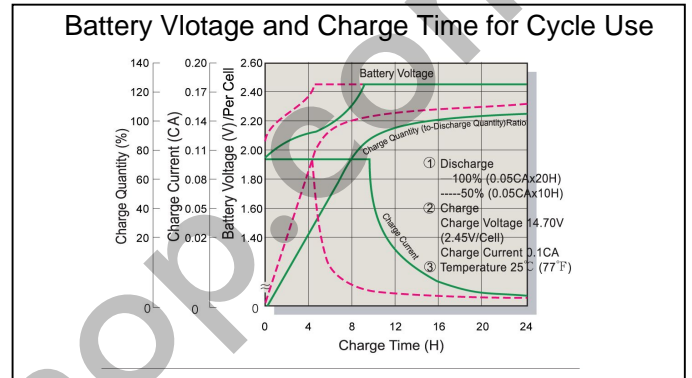
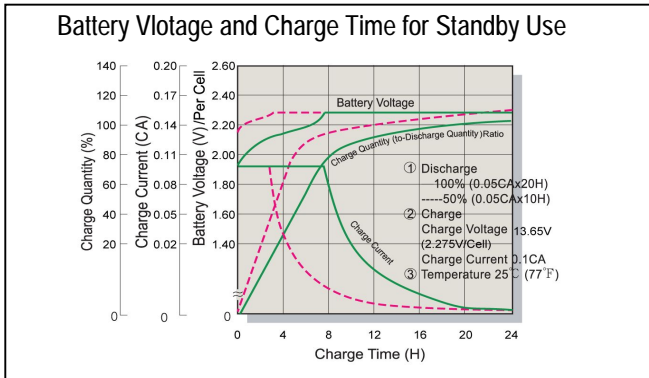
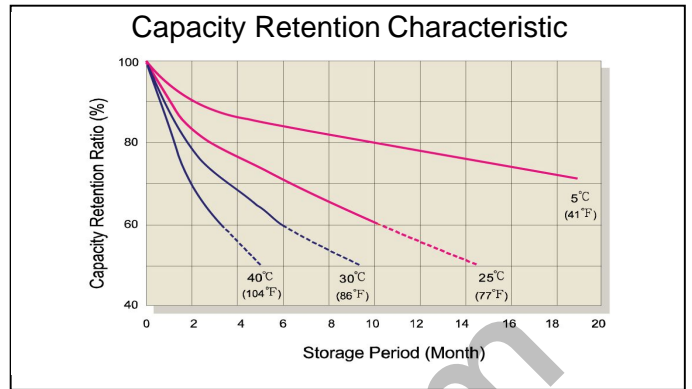
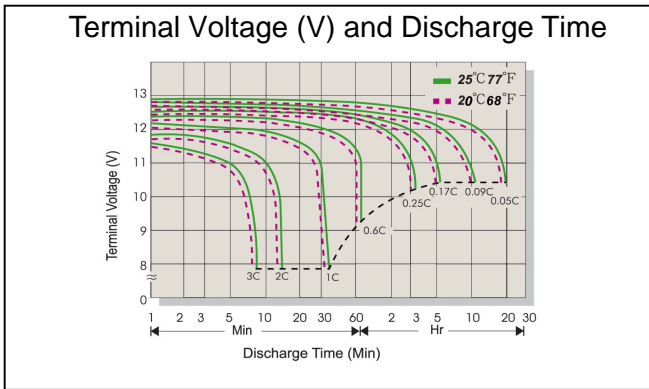
M5 Bolt

B1 Terminal

Battery Model	12V18AH			
Designed Floating Life	3~5 Years			
Capacity (25°C)	20HR(0.90A,10.5V)	10HR(1.80A,10.5V)	5HR(3.60A,10.5V)	1HR(7.20A,10.5V)
	18.00 AH	15.00 AH	12.00 AH	9.00 AH
Dimensions	Length	Width	Height	Total Height
	181 mm	77 mm	160 mm	167 mm
Approx. Weight	4.00Kg ±3%			
Internal Resistance	Full charged at 25°C : ≤19.00 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:3.20A		13.5-13.8V (-20mV/°C)	



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Constant Current Discharge(CC,Unit:A) at 25°C(77°F)												
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	37.73	26.04	18.03	11.19	6.59	3.85	2.93	2.330	1.935	1.653	1.078	0.589
1.75V/Cell	38.44	26.53	18.37	11.40	6.72	3.92	2.99	2.374	1.972	1.684	1.099	0.600
1.70V/Cell	39.59	27.33	19.47	11.85	6.83	3.99	3.04	2.415	2.006	1.714	1.118	0.611
1.67V/Cell	40.74	28.12	21.13	12.51	6.91	4.04	3.07	2.441	2.028	1.732	1.130	0.617
1.60V/Cell	41.90	28.92	22.23	13.05	6.98	4.08	3.10	2.468	2.050	1.751	1.142	0.624
Constant Power Discharge (CP,Unit:W) at 25°C(77°F)												
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	73.57	50.78	35.16	21.81	12.86	7.51	5.72	4.54	3.77	3.22	2.10	1.15
1.75V/Cell	74.95	51.73	35.82	22.22	13.10	7.65	5.82	4.63	3.84	3.28	2.14	1.17
1.70V/Cell	77.20	53.28	37.97	23.11	13.33	7.79	5.93	4.71	3.91	3.34	2.18	1.19
1.67V/Cell	79.45	54.84	41.20	24.40	13.47	7.87	5.99	4.76	3.95	3.38	2.20	1.20
1.60V/Cell	81.70	56.39	43.35	25.44	13.62	7.96	6.05	4.81	4.00	3.41	2.23	1.22