

MHB ML Series—Longer service life Battery

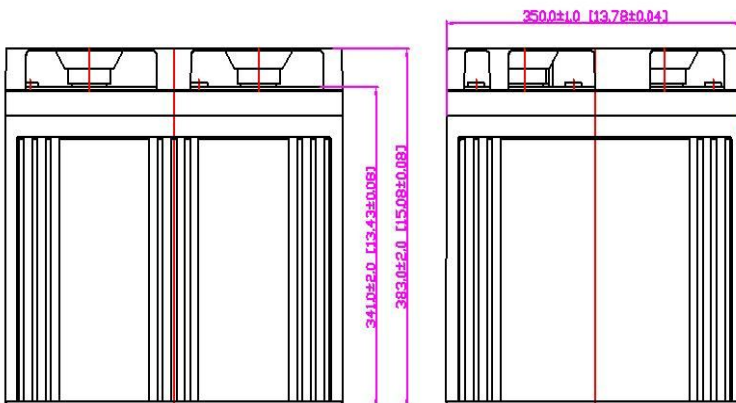
- High performance, completely maintenance-free, low self-discharge
- 100% precise quality testing, stable quality and high reliable performance
- Unique grid alloy formula and updated manufacturing technique
- Floating & standby use: up to 15 years
- Cycle use 1: Up to 260 cycles at 100% DOD
- Cycle use 2: Up to 1200 cycles at 30% DOD

Application:

- Telecommunications
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Alarm and security system
- Communication power supply
- DC power supply
- Auto control system

Construction:

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



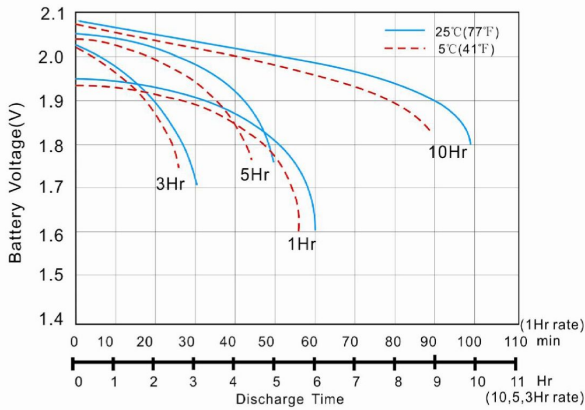
M8 Bolt
B5 Terminal

Specification:

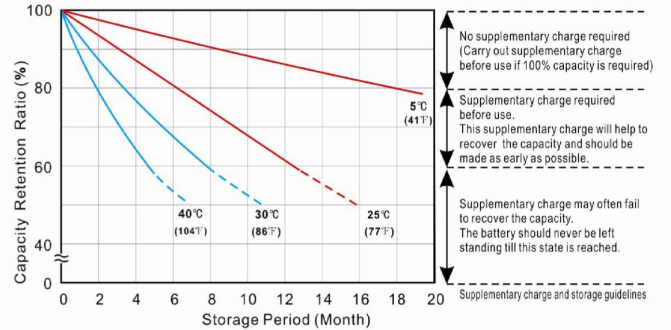
Battery Model	ML 1500 -2 2V1500AH			
Designed Floating Life	Up to 15 Years			
Capacity (25°C)	10HR(150.00A,10.8V)	5HR(249.90A,10.8V)	3HR(369.90A,10.8V)	1HR(789.90A,10.8V)
	1500.00AH	1249.50AH	1109.70AH	789.90AH
Dimensions	Length	Width	Height	Total Height
	398mm (15.67inch)	350mm (13.78inch)	341mm (13.43inch)	383mm (15.08inch)
Approx. Weight	97.00Kg (213.89 lbs)			
Internal Resistance	Full charged at 25°C: ≤0.26mΩ			
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(25°C)	Cycle use		Float use	
	2.40-2.50V(-5mV/°C), max. Current:375.0A		2.25-2.30V (-3.0mV/°C)	

FUJIAN MINHUA POWER SOURCE CO., LTD.

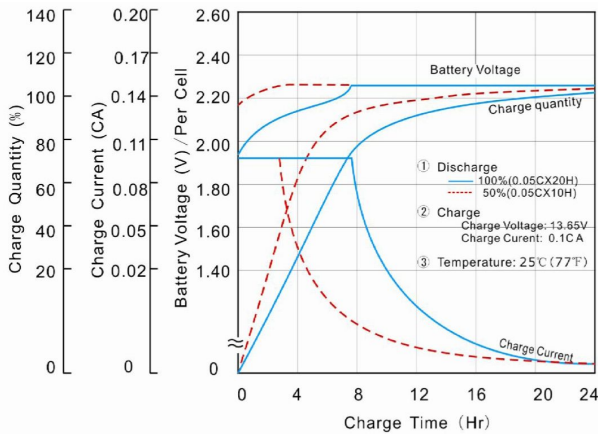
Terminal Voltage (V) and Discharge Time



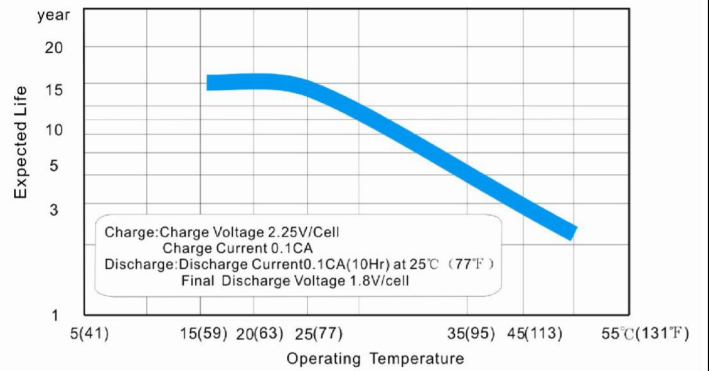
Capacity Retention Characteristic



Battery Voltage and Charge Time for Standby Use



Tickle(or Float) Service Life



Constant Current Discharge (CC, Unit: A) at 25°C (77°F)

F.V/Time	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	8Hr	10Hr	20Hr
1.85V/Cell	3509.13	2339.42	1140.47	769.96	476.66	360.56	293.89	243.59	214.35	174.43	146.21	74.86
1.80V/Cell	3600.00	2400.00	1170.00	789.90	489.00	369.90	301.50	249.90	219.90	178.95	150.00	76.80
1.75V/Cell	3643.20	2428.80	1184.04	799.38	494.87	374.34	305.12	252.90	222.54	181.10	151.80	77.72
1.70V/Cell	3971.09	2574.53	1255.08	831.27	503.58	380.93	310.49	257.35	226.46	184.28	154.47	79.09
1.67V/Cell	4371.84	2793.12	1361.65	877.72	508.97	385.01	313.81	260.11	228.88	186.26	156.13	79.94

Constant Power Discharge (CP, Unit: W) at 25°C (77°F)

F.V/Time	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	8Hr	10Hr	20Hr
1.85V/Cell	6842.8	4561.9	2223.9	1501.4	929.5	703.1	573.1	475.0	418.0	340.1	285.1	146.0
1.80V/Cell	7020.0	4680.0	2281.5	1540.3	953.6	721.3	587.9	487.3	428.8	349.0	292.5	149.8
1.75V/Cell	7104.2	4736.2	2308.9	1558.8	965.0	730.0	595.0	493.2	434.0	353.1	296.0	151.6
1.70V/Cell	7743.6	5020.3	2447.4	1621.0	982.0	742.8	605.5	501.8	441.6	359.4	301.2	154.2
1.67V/Cell	8525.1	5446.6	2655.2	1711.5	992.5	750.8	611.9	507.2	446.3	363.2	304.4	155.9