

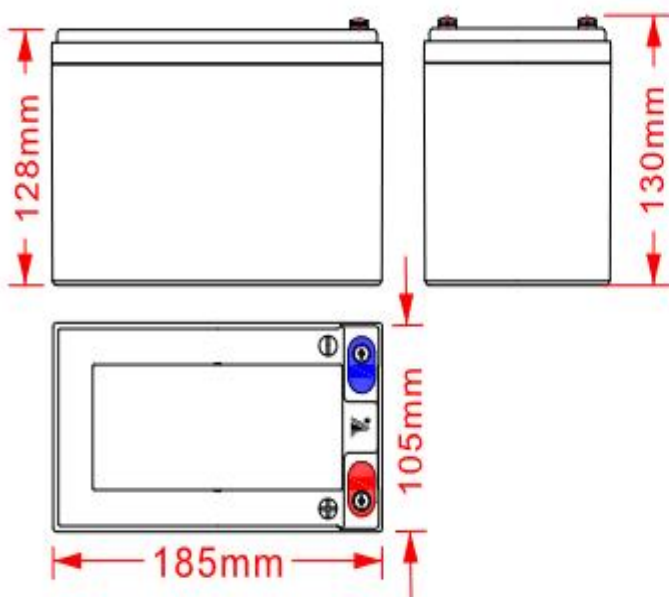
- Oxygen recombination technology:
Maintenance-free.
- The patent grid alloy:
Less gassing, low selfdischarging.
- Special paste formula:
Additives for deep discharge, long cycle life.
- High quality AGM separator:
Extend cycle life and prevent micro short circuit.
- The patent Nano silica gel electrolytes, extend cycle life and improve the deep discharge performance.
- Cast on strap (COS) welding technology for high consistency and reliability.
- ABS container: increase the strength of battery.



Application:

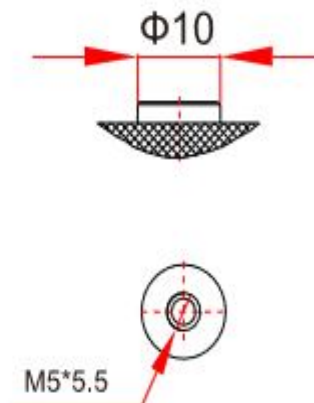
- | | |
|-------------------|-----------------------------|
| *Electric vehicle | *Sweeper |
| *Lawn mowers | *Wheelchairs |
| *Electric toys | *Illumination light |
| *Electric tools | *Golf trolley and golf cart |

Dimension



Terminal

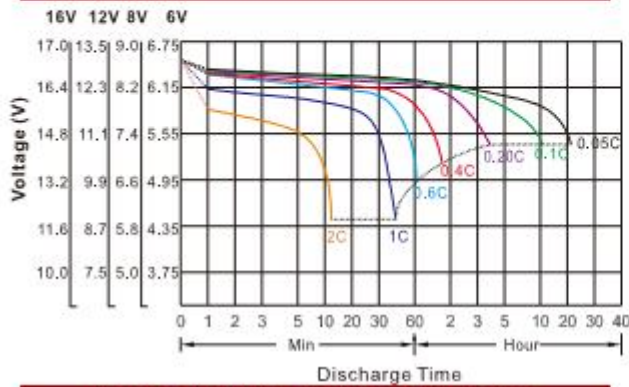
Female Copper Insert M5 (Torque:2~3N.m)



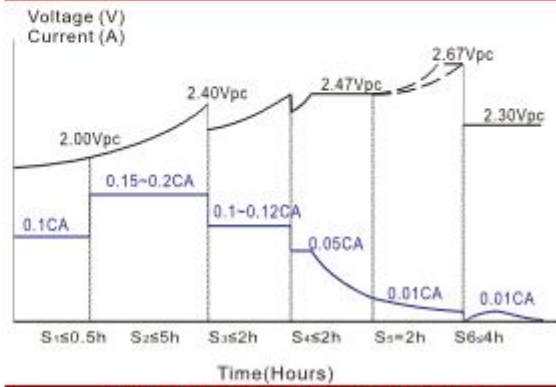
Battery Model	YGD12-24(A) E-Bike						
Capacity (25°C)	10 HR (2.6A)	5 HR (5.0A)	3 HR (8.0A)	2 HR (11A)	1 HR (20A)	30 Min (36A)	15 Min (60A)
	26 AH	25 AH	24 AH	22 AH	20 AH	18 AH	15 AH
Dimensions	Length		Width		Height		Total Height
	185 mm		105 mm		128 mm		130 mm
Approx Weight	7.60 kg ± %3						
Internal Resistance	Full charged @25°C, equal or less than 10 mOhm						
Self Discharge	Capacity declined @25°C, 3 months %10, 6 months %20, 12 months %40						
Capacity Affected By Temperature (20 HR)	40°C		25°C		0°C		-15°C
	%102		%100		%85		%65
Charge Voltage (25°C)	Cycle Use				Float Use		
	13.5-13.8V, Initial Charging Current 3.6A or small				14.7-14.9V		

Performance Curve

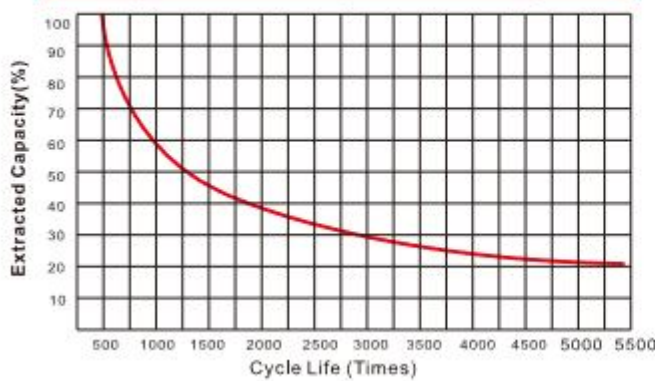
Discharge Characteristics (25°C)



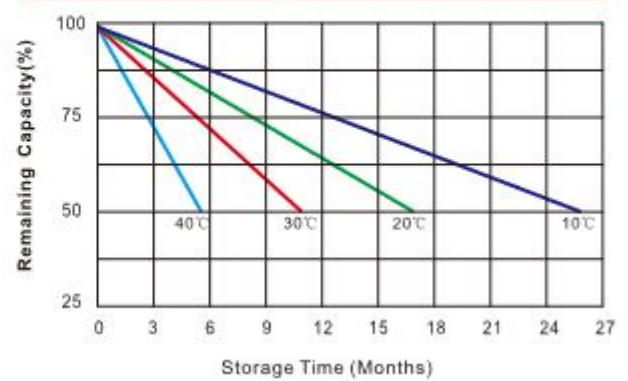
Charge Characteristics (20°C)



Cycle Life With Depth Of Discharge



Self discharge Characteristics



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