

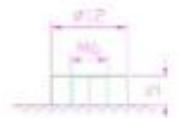
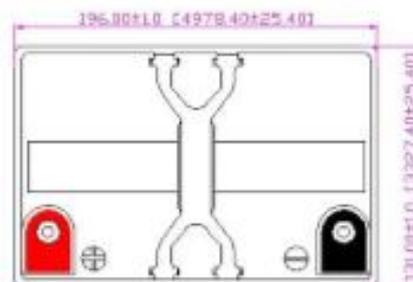
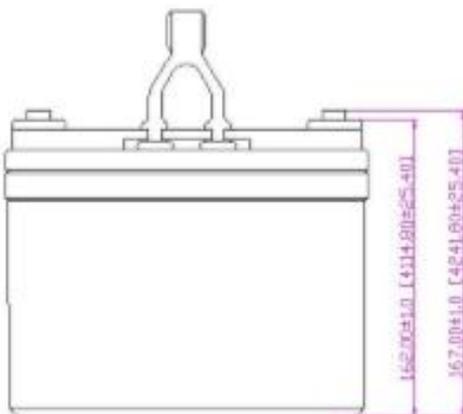
- Oxygen recombination technology:
Maintenance-free.
- The patent grid alloy:
Less gassing, low selfdischarging.
- Special paste formula:
Additives for deep discharge, long cycle life.
- High quality AGM separator:
Extend cycle life and prevent micro short circuit.
- The patent Nano silica gel electrolytes, 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
- *Lawn mowers
- *Electric toys
- *Electric tools

- *Sweeper
- *Wheelchairs
- *Illumination light
- *Golf trolley and golf cart



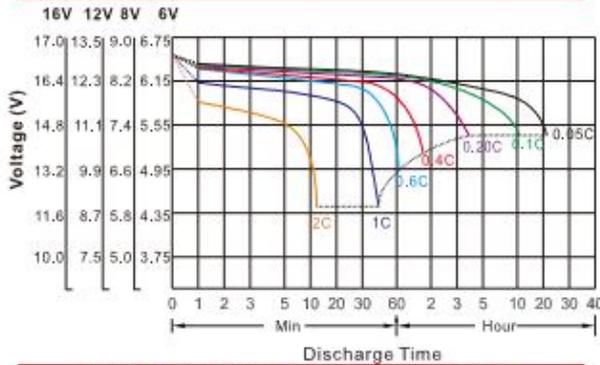
M6 Bolt

B2 Terminal

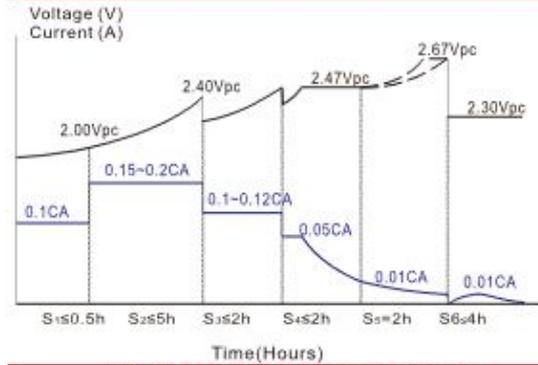
Battery Model	YGD12-33			
Capacity (25°C)	20 HR (1.67A,10.8V)	10 HR (3.30A,10.8V)	5 HR (5.43A,10.5V)	1 HR (18.40A,10.5V)
	33.4 AH	33 AH	27.15 AH	18.4 AH
Dimensions	Length	Width	Height	Total Height
	196 mm	131 mm	161 mm	167 mm
Approx Weight	10.8 kg ± %3			
Internal Resistance	Full charged @25°C, ≤ 7.4mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
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	
	14.40-15.00V(-30mV/ °C), max. Current:9.90A		13.50-13.80V (-20mV/ °C)	

Performance Curve

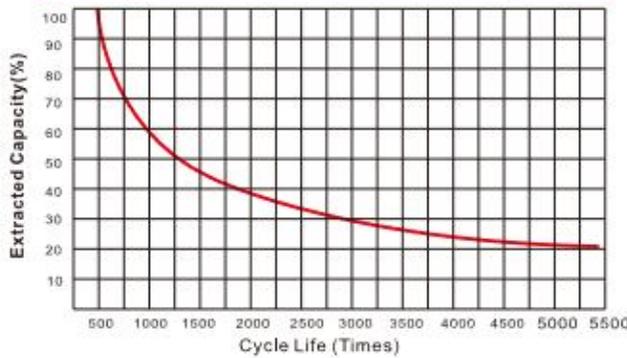
Discharge Characteristics (25°C)



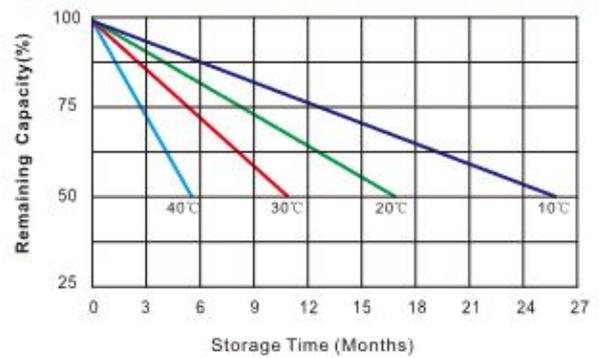
Charge Characteristics (20°C)



Cycle Life With Depth Of Discharge



Self discharge Characteristics



Yiğit Akü AŞ