

# GOLD

BATTERY

## GENERAL FEATURES

- \* Oxygen recombination technology: maintenance-free.
- \* The patent grid alloy: less gassing, low self-discharging.
- \* 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.
- \* ABS container: increase the strength of battery (Flame-retardant ABS UL94-V0 is optional).

## 12V 200Ah Gel Battery

### Appliancation

- Renewable energy system
- Solar power system
- Hybrid solar power system
- Hybrid DG solution
- Smart grid energy storage



ISO/TS16949



ISO9001

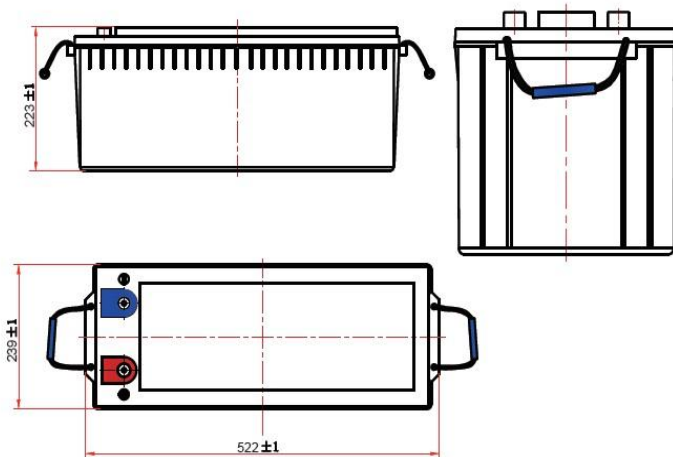


ISO14001



### Dimension

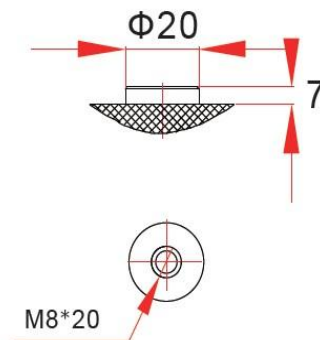
Unit: mm



### Terminal

Unit: mm

Female Copper Insert M8 (Torque: 10~12N.m)



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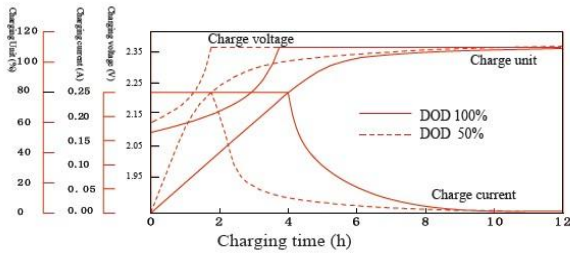
## Specification

Nominal Voltage	12V
Nominal Capacity	214 Ah ,C20 @10.7A, 1.80Vpc, 25°C(77°F)
	200Ah ,C10 @20A, 1.80Vpc, 25°C(77°F)
	166 Ah ,C5 @ 33.2A, 1.75Vpc, 25°C(77°F)
	110Ah ,C1 @ 110A, 1.75Vpc, 25°C(77°F)
Dimension	Length 522 ± 1mm (20.55 inch)
	Width 239 ± 1mm (9.00 inch)
	Container Height 223 ± 1mm(8.78 inch)
Weight	Total Height (With Terminal) 223 ± 1mm(8.78 inch)
	64 Kg ± 5% (140.8 lbs)
Terminal	Female Copper Insert M8 (Torque:10~12N.m)
Container Material	ABS (UL94-V0 optional)
Operating Temp. Range	Discharge: -30 to +50°C(-22 ~122°F)
	Charge: -10 to +40°C(14~104°F)
	Storage: -20 to +40°C(-4 ~104°F)

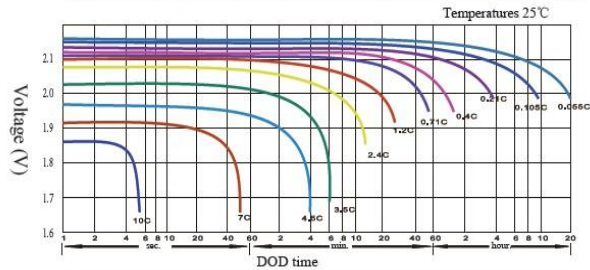
Note: The Specification is subjected to change without prior notification.

## Performance Curve

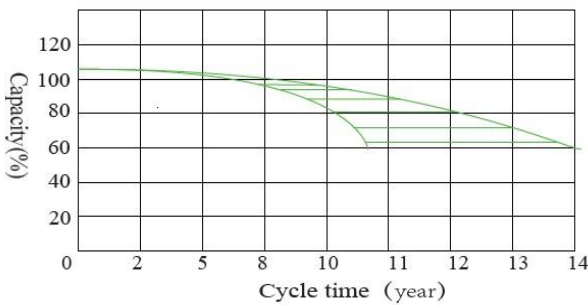
### Charging digram with constant voltage (25°C)



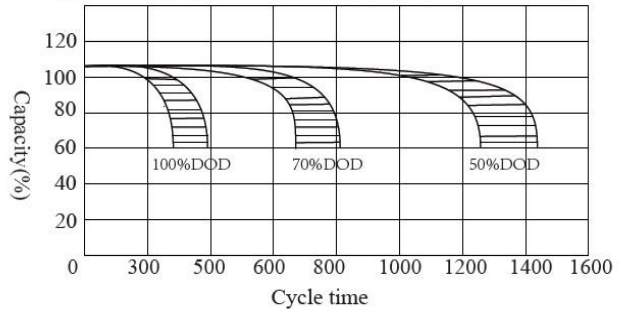
### DOD digram with different hour rate (25°C)



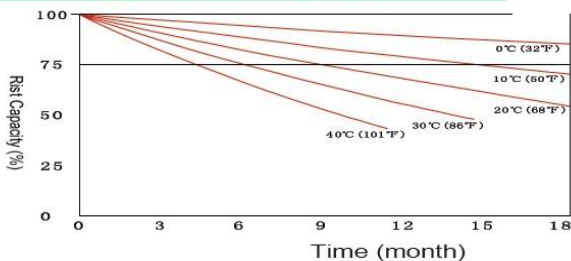
### Float charging life digram (25°C)



### Cycle life digram (25°C)



### Self-discharging Digram



### Capacity and temperature Diagram

