



# CHARACTERISTICS OF VALVE REGULATED GEL BATTERY

## MODEL: YTX12-BS(GEL)



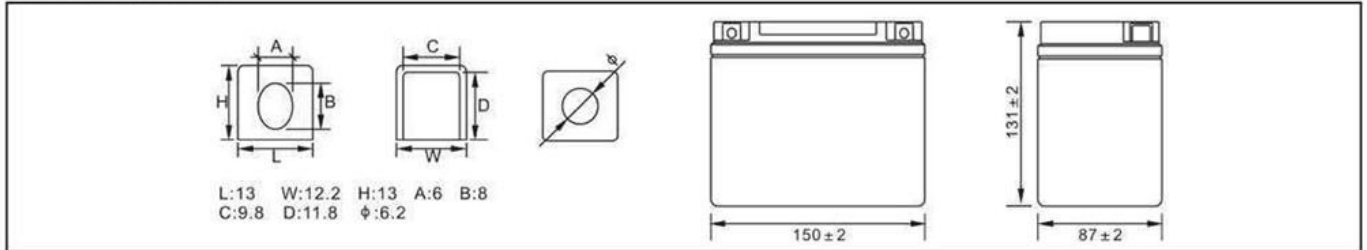
### Specifications:

1. 100% Pre-delivery Inspection to ensure Stable quality and reliable performance.
2. Pb-Ca grid alloy battery plate, low water loss, and stable quality low self-discharge rate.
3. Complete sealed, maintenance free, low self-discharge rate, good sealing property.
4. Low Internal Resistance, Good High Rate Discharge performance.
5. Excellent high-and-low temperature performance, working temperature ranging from -40°C to 60°C.
6. High charge retention, long cycle service life.
7. Design Float Service Life: 3-5 Years.

### Parts:

Cover	Container Bottom	Terminal	Positive Plate	Negative Plate	Separator	Electrolyte	Gel	Safety Valve	Seal Glue
ABS	ABS	Cu	PbO <sub>2</sub>	Pb	AGM	dilute sulphuric acid	Fumed Silica	Rubber	Epoxy Resin

### Plane Chart:



### Parameter Chart:

Volts		12V	
Capacity	10 hr	Discharge Current:1.00A Cut-off Volts:10.5V	10.000Ah
	27 min	Discharge Current:10.00A Cut-off Volts:9.6V	4.500Ah
	7 min	Discharge Current:30.00A Cut-off Volts:9.6V	3.500Ah
Weight With Acid	3.80Kg	Charge Current	1.00A
Self Discharge Rate	1.7%/month	Storage Status	Wet
Cycle Life (25°C)		100% DOD	240 times
		80% DOD	270 times
		50% DOD	600 times
Retention of Charge Storage @25°C			
1 month	92%	Directly Mounted	
3 month	90%	Directly Mounted	
6 month	80%	Constant Volts:14.4V Limit Current:2.0A Charging Hours:2-3H	
12 month	40%	Constant Volts:14.4V Limit Current:2.0A Charging Hours:4-6H	
CCA		JISD(-10°C)	Factory Standard(-18°C)
Discharging Current		100A	160A
5S Voltage		9.5V	-
Cut-off Voltage		6V	7.2V
Duration		2M	≥30S

### Discharge Curve

