

## Best partner for Golf Cars and Buggies

### High Temperature Deep Cycle GEL 6V Battery

HTB series adopts ABS high quality material, which has strong cycle discharge ability; A new generation of special technology is used to ensure the stability and consistency of multi cell batteries in series; The pole terminal adopts silver plated copper core structure, the wire connection is firm and reliable, safe and convenient; The gel is free of maintenance, and has obvious advantages in starting and climbing.



#### Complied Standards

IEC60896-21/22	BS6290part4
JISC8704	GB/T19638
IEC61427	CE/ISO



#### General features

- Able to operate at -40~60°C
- DOD 50% 1500 times Cycles
- Integrated design to ensure the best uniformity and reliability
- Long life and high stability under hightemp. environment (no cooling needed)
- Use super-C additives:  
Deep discharge recovery capability

#### Technical Specifications

Nominal Voltage	6V(3 Cells Per Unit)	
Design Floating Life @25°C	20 Years	
Nominal Capacity @25°C(20 hour rate@1.8V )	100%C (Ah)	
Capacity @25°C	10hour rate (1.8V )	90%C (Ah)
	5 hour rate (1.8V )	80%C(Ah)
	1 hour rate (1.75V )	58%C(Ah)
Internal Resistance	Full Charged Battery@25°C	≤0.02*C(mΩ)
	Discharge	-25°C~60°C
Ambient Temperature	Charge	-25°C~60°C
	Storage	-25°C~45°C
	Max.Discharge Current@25°C	6C (5s)
Capacity affected by Temperature (10 hour )	40°C	108%
	25°C	100%
	0°C	90%
	-15°C	70%
Self-Discharge@25°Cper Month	3%	
Charge (Constant Voltage) @25°C	Standby Use	Initial Charging Current Less than C*0.25A Voltage 2.25-2.3V
	Cycle Use	Initial Charging Current Less than C*0.25A Voltage 2.37-2.4V

#### Battery Construction

Component	Positive plate	Negative plate	Container &Cover	Safety valve
Features	Thick high Sn low Ca grid with Special paste	Balanced Pb-Ca grid for improved recombination efficiency	Fire resistant e ABS (UL94-V0optional)	Flame Si-Rubber and aging resistance
Component	Terminal	Separator	Electrolyte	Pillar seal
Features	Female Copper Insert	Advanced PVC /AGM separator for high pressure cell desbm	German Evonik Silicon GEL	Two layers epoxy resin seal

## Best partner for Golf Cars and Buggies

### Popular item for Golf Cars and Buggies

Model	Nominal Voltage (V)	Capacity (Ah)	Dimension (mm)				Net Weight kgs	Gross Weight kgs
			Length	Width	Height	Total Height		
HTB6-200	6	200	306	168	220	222	30	30.1
HTB6-210	6	210	260	180	247	249	29.5	29.6
HTB6-220	6	220	306	168	220	222	31.5	31.6
HTB6-225	6	225	243	187	275	275	30.5	30.6
HTB6-250	6	250	260	180	265	272	34.5	34.6
HTB6-310	6	310	295	178	346	366	46	46.2
HTB6-330	6	330	295	178	354	360	46.6	46.8
HTB6-380	6	380	295	178	404	410	55.3	55.8
HTB6-420	6	420	295	178	404	410	56.8	57.3
HTB8-170	8	170	260	182	266	271	34.3	34.8
HTB8-200	8	170	260	182	295	300	38.3	38.8



### Performance Characteristics

