



# AGM CONCEPT GOLF CART BATTERY

## AC6-225 (6V245Ah)

### Specification

Nominal Voltage		6V
Rated Capacity (25°C)	20 Hour Rate (12.3A to 5.25Volts)	245 Ah
	10 Hour Rate (22.1A to 5.25Volts)	221 Ah
	5 Hour Rate (39.6A to 5.1 Volts)	198 Ah
Reserve Capacity	@25A	460 Minutes
	@75A	125 Minutes
Dimensions	Length	243 mm (9.57 inches)
	Width	187.5mm (7.38 inches)
	Height	275 mm (10.8 inches)
	Total Height	275 mm (10.8 inches)
Weight		31.8 kg (70.1 lbs)



### Characteristics

Capacity Affected by Temperature (20 HR)			Self Discharge @ 25°C(77°F)	Max. Discharge Current @ 25°C(77°F)	Charging @ 25°C(77°F) (Constant Voltage)		Internal Resistance @ 25°C(77°F)	Container material
0°C (32°F)	25°C (77°F)	40°C (104°F)			Cycle	Float		
85%	100%	102%	<3% of capacity per month	2000A(5S)	7.20~7.35V	6.8~6.9V	1.7m Ω	ABS

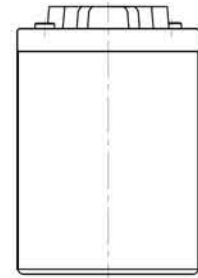
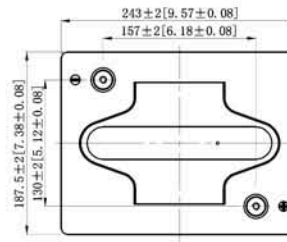
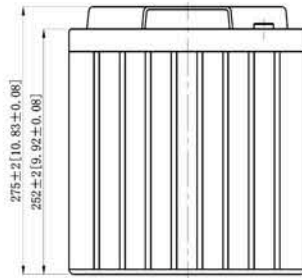
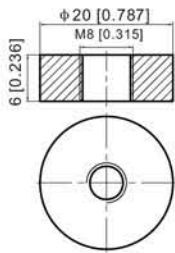
### Typical Applications

- Golf cart
- Electric vehicle
- Solar
- Wheelchair
- Electric sightseeing car
- Electric scooter
- Electric forklift
- Scraper
- Marine
- Portable Medical device

## Battery Structure and Size

### T11 Terminal

Unit: mm [inches]

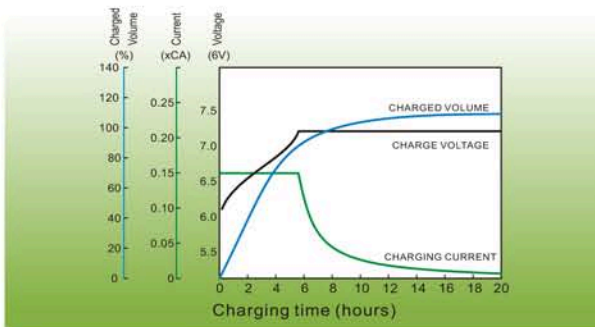


## Key Features & Benefits

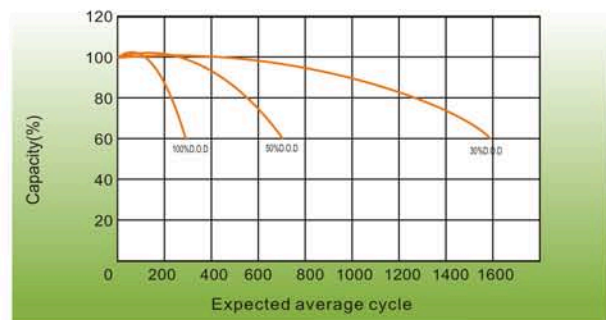
- Maintenance-free sealed construction, spill proof — safe and reliable.
- Strength-enhanced ABS container and compressed plate groups — better vibration and impact resistant.
- Special Lead-Calcium grid design — better corrosion resistant, deep discharge performance, higher capacity and longer cycle life.
- High porosity AGM separator — high oxygen recombination rate to ensure minimum gassing.
- Brass insert terminals — superior conductivity and high rate discharge performance.
- Low internal resistance — high charge acceptance and quick recharge.
- Low self discharge — longer shelf life than conventional batteries.

## Performance Characteristics

Constant voltage charging characteristic (0.15CA, 25°C, 77°F)



Cycle life in relation to depth of discharge



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