

# golf master

**MADE DURABLE &  
LASTS LONGER FOR  
MORE ROUNDS\***



**MORE POWER. LONGER LIFE. ASSURED QUALITY.**

\* See inside for performance chart



# GOLF CART BATTERIES

GolfMaster Batteries offer longer life, more power and performance with maximum durability and reliability.

Golf Master is a deep cycle battery with accessible cover design which uses latest technology, high performance plates and reliability for deep cycle applications.

These batteries are designed and manufactured to meet the high demands of today's Deep Cycle applications. They are made to withstand repeated discharging and recharging and offer sustained power over extended periods for not only golf carts but for many other electric vehicles.

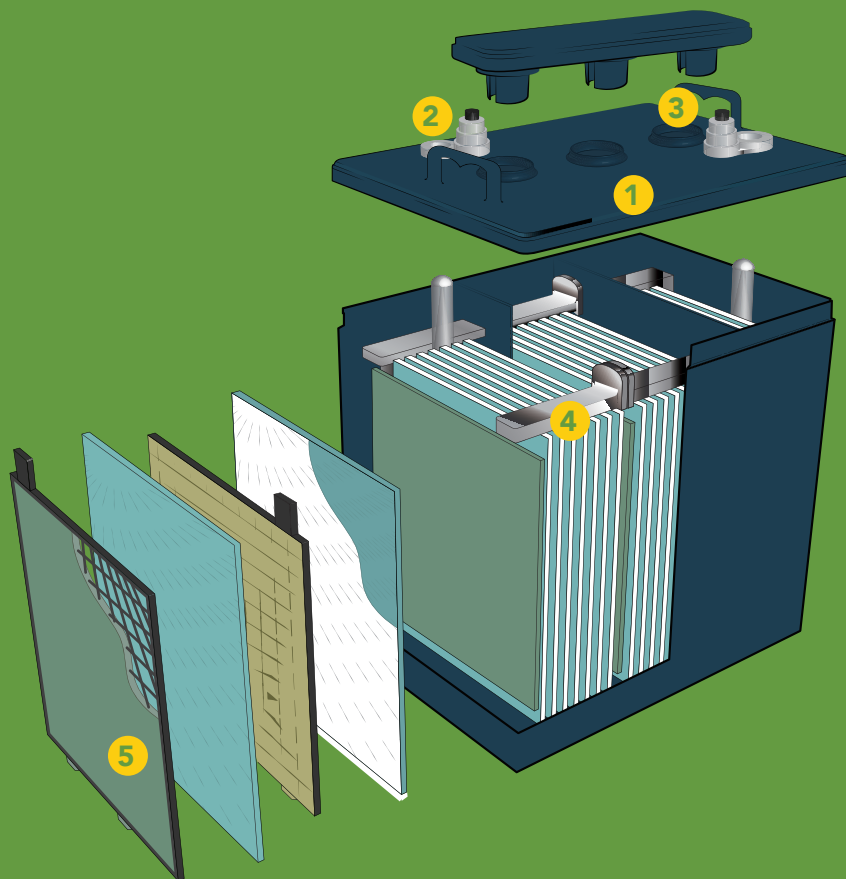


## GolfMaster Conventional

- Vibration resistant
- Exceptional service life
- Excellent physical characteristics and lower electric resistance
- 99.9% pure lead with hard paste feature. special additives for deep cycle purpose.

\*Warranty conditions apply.

# golf master



## 1. Case/Lid

- a. Made with PP resin - Less weight, shock-resistant and acid-resistant.
- b. Specially designed structure to prevent short-circuit from active material shedding in the bottom.

## 2. Terminal

- a. Casted with special lead alloy.
- b. Special plating to minimize heat generation and electric resistance.
- c. Designed to be vibration resistant.
- d. Standard design. Easily detachable with Bolt/Nut Structure.

## 3. Cap

- a. Engineered structure to vent gas out.
- b. Easy to refill and maintain.

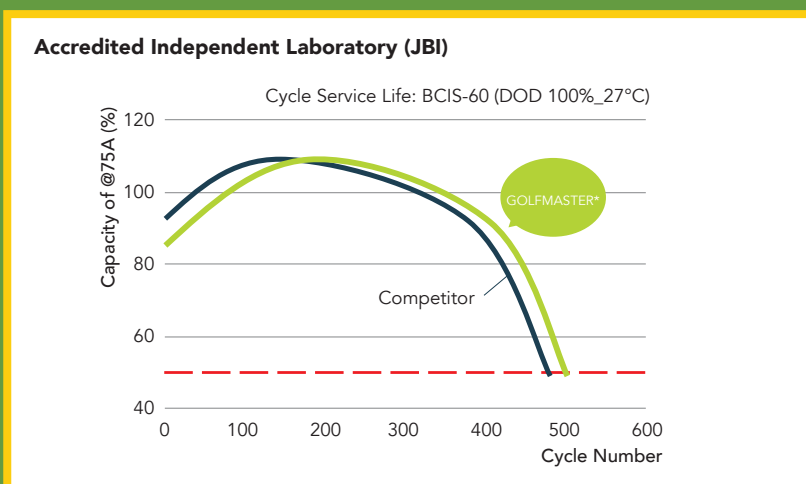
## 4. Separator

- a. Porous Rubber material against acid and corrosion.
- b. Excellent physical characteristics and low electric resistance.
- c. Using micro-fiber Glass-mat against active-material shedding.

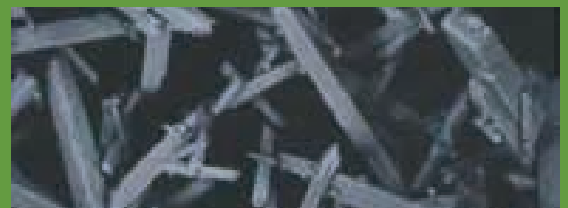
## 5. Plates

- a. Negative : Special additives for deep cycle purposes.
- b. Positive : Corrosion-resistant grid with hard paste feature, special additives for deep cycle purpose

## PERFORMANCE CHART



## IMPROVED PASTE FORMULATION. MADE WITH A SPECIAL ADDITIVE DESIGNED FOR DEEP CYCLING.



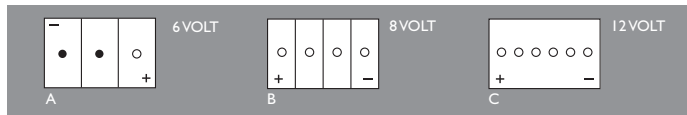
Improved Paste and 4BS(Tetra Basic lead sulfate) formulation for longer life cycle and capacity maximization

\*GolfMaster has more cycles compared with a leading industry major player.

## Golf Cart

TYPE	VOLTS	CAPACITY			OVERALL DIMENSIONS (mm)				WET WEIGHT (kg)	ASSEMBLY	POST TYPE	WARRANTY
		20HR [AH]	5HR [AH]	75A [mins]	L	W	H	TH				
<b>CONVENTIONAL</b>												
R105	6	225	185	115	259	179	245	278	28.0	A	TM	12
R875	8	170	145	75	262	181	245	278	28.0	B	TM	12
R1275	12	155	120	70	329	181	245	278	38.0	C	TM	12

## BATTERY ASSEMBLIES



## ABBREVIATIONS

TM Twin Marine / Embedded Terminal

## Charging Instructions

SYSTEM VOLTAGE	6V	8V	12V	24V	36V	48V
Bulk Charge	7.4	9.9	14.8	29.6	44.5	59.3
Float Charge	6.7	9.0	13.5	27.0	40.5	54.0
Equalize Charge	8.1	10.8	16.2	32.4	48.6	64.8

Charger voltage settings (at 25°C). Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery

### CHARGING TEMPERATURE

ADD	SUBTRACT
0.005 Volt per cell for every 1°C below 25°C	0.005 Volt per cell for every 1°C above 25°C

### OPERATIONAL DATA

ADD	SUBTRACT
-20°C to +45°C. At temperatures below 0°C maintain a state of charge greater than 60%.	5-15% per month depending on storage temperature conditions.

## MAINTENANCE TIPS

- After each use batteries should be recharged. This is a key maintenance tip and should be followed in order to maximise the service life of the battery. If feasible charging between rounds is recommended. Do not send out a cart unless the batteries are in good state of charge.
- Watering is also a very important step in maintaining a flooded lead acid battery. Check water level after each charge/cycle. Make sure that there is no overfill to avoid loss of electrolyte. Always use distilled water.
- During off-season batteries should be stored in an unheated area. Make sure the batteries are fully charged before storing. Periodic checks needs to be carried out to make sure specific gravity do not go below 1.220. Follow the preventive maintenance before putting carts back in service