

GOLF



**Trojan**<sup>®</sup>  
BATTERY COMPANY

*Clean energy for life™*



# PASSION

A PURSUIT FOR THE ULTIMATE GOLF EXPERIENCE

**GOLF** SOME SAY THE GAME OF GOLF IS MERELY A SPORT, A HOBBY OR A DAY OUT WITH FRIENDS. WE BELIEVE GOLF IS A PASSION, AN OBSESSION, A PURSUIT FOR THE ULTIMATE GOLF EXPERIENCE. AFTER ALL, A MULTI-BILLION DOLLAR INDUSTRY WAS BUILT ON THE ATTENTIVE ORCHESTRATION OF THE PERFECT GAME. FROM THE MOMENT THE GOLFER IS WELCOMED BY THE GOLF CLUB STAFF DOWN TO THE GOLF CAR THAT CADDIES THE GOLFER THROUGH THE MANICURED GREENS, EVERY DETAIL OF THE TOTAL GOLF EXPERIENCE IS METICULOUSLY CONSIDERED.

AT TROJAN WE BELIEVE IN THIS PASSION FOR THE GAME WHICH IS WHY WE ARE PASSIONATE ABOUT THE DEEP CYCLE GOLF BATTERIES WE BUILD. WE STAKE OUR REPUTATION AS THE WORLD LEADER IN DEEP CYCLE BATTERIES ON OUR EXPERIENCE AND EXPERTISE OF BUILDING PRODUCTS THAT OUTLAST AND OUTPERFORM THE COMPETITION.



## Golf Batteries

If there is one thing we've learned from building batteries for over 85 years, it's that your golf battery must be able to deliver consistent performance day in and day out. That is why we build our Trojan deep cycle golf batteries to provide the rugged durability, outstanding performance and long life that you have come to expect. It's no surprise that more than 98% of America's top golf courses use Trojan batteries in their fleets.\*

Engineered specifically to handle the rigors of continuous discharge and recharge, Trojan offers a complete lineup of golf batteries to meet your specific needs. Ranging from our 6-volt, 8-volt and 12-volt deep cycle flooded to our maintenance free 6-volt Deep-Cycle Gel™ batteries, Trojan's products power the world's leading golf cars.

## Plus Series™

Featuring the same performance characteristics of all Trojan's deep cycle batteries, the Plus Series™ offers enhanced convenience and durability features designed to make battery maintenance easier.

### SureVent™ Cap

Trojan's SureVent™ caps make battery maintenance a snap. Available exclusively on Trojan Plus Series batteries, SureVent caps conveniently pop open for easier watering. Flip-top vent caps remain securely attached to the battery eliminating the task of searching for lost vent caps.

### Water Level Indicator

Trojan's Plus Series batteries feature built-in maximum water level indicators making watering your battery more accurate each and every time.

### Embedded Terminal

Embedded terminals provide reinforced durability minimizing stress applied to the terminals during routine battery maintenance.



SureVent™ flip-top vent caps

Easier Maintenance



Built-in maximum water level indicator

Precise Watering:  
Better Performance



Embedded terminals

Increased Durability

\* Based on listing of top golf courses in Golf Digest, Golf Magazine and the US Open list of venues 1995 - 2010

# CLASS TROJAN... INTELLIGENTLY REFINED

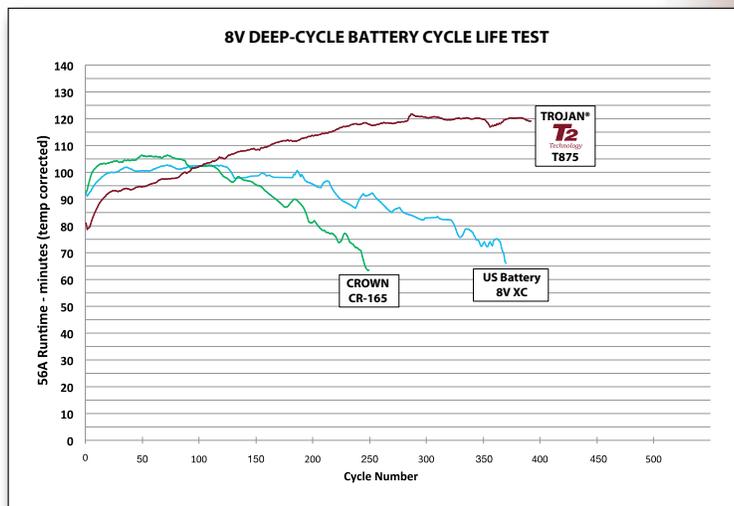


## T2 Technology™

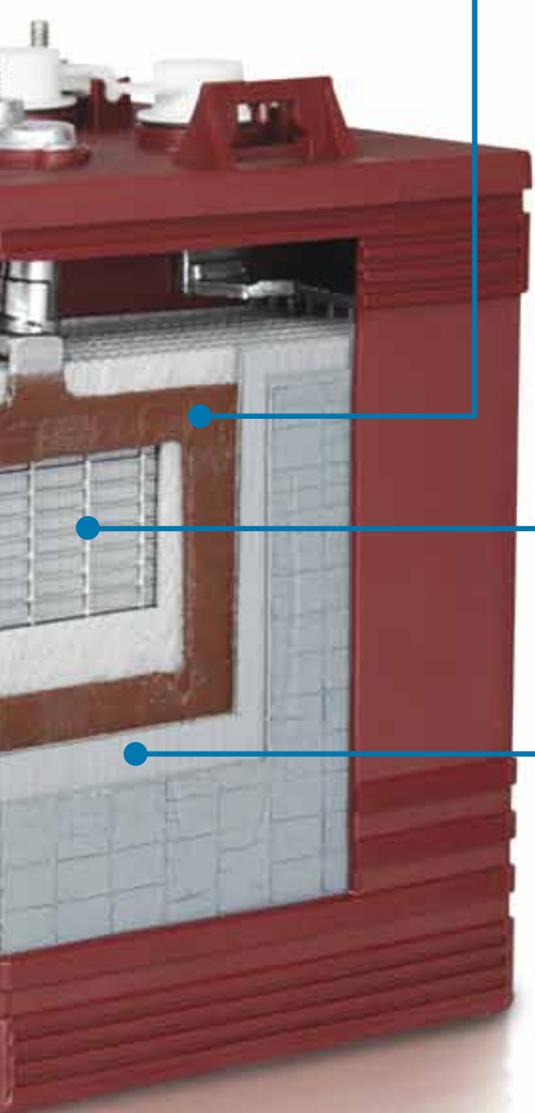
Every once in a while a classic design inspires new ideas. Our inspiration - a classically outstanding battery intelligently refined for exceptional battery performance. Introducing **T2 Technology** - Trojan's next generation of deep cycle battery advancement. Golf car manufacturers are improving their products with new technological advancements. Energy needs for these products are also evolving requiring even greater battery performance. Engineered specifically to meet these increasing demands, Trojan's **T2 Technology** builds upon our historically-proven technology and incorporates improvements resulting in a superior battery with maximum sustained performance, longer life and increased total energy.

### TROJAN VS. COMPETITION\*

8V DEEP-CYCLE BATTERY CYCLE LIFE TEST



\* As tested in Trojan's R&D centers and in accordance with BCI test procedures. Preliminary results - testing ongoing



### Alpha Plus® Paste with **T2 Technology™**

#### Maximum Operating Performance

Trojan's Alpha Plus® Paste is a proprietary, high density paste formulation precisely engineered to deliver outstanding battery performance. This high density paste optimizes porosity development in the active material utilizing the active material more effectively resulting in sustained battery performance over a longer period of time. Trojan's **T2 Technology** introduces a patent-pending **T2** metal agent into Alpha Plus Paste further strengthening the electrochemical processing capabilities of Trojan's Alpha Plus Paste. Together Alpha Plus Paste with **T2 Technology** increase both sustained capacity and total overall ampere-hours resulting in more operating power for your application. It's a key reason why Trojan batteries consistently outperform the competition.

### Trojan Grid Technology

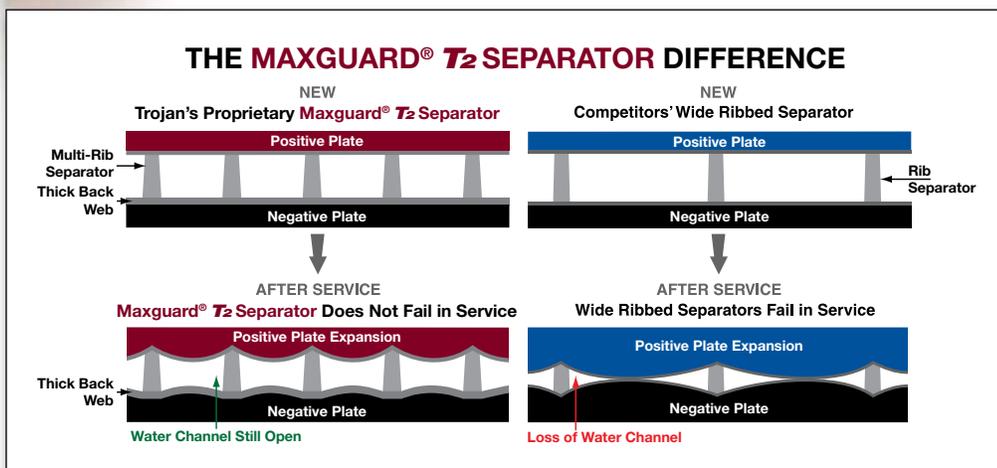
#### Reduced Downtime

Trojan's grid technology is a lead antimony alloy grid mixture formulated specifically for use with Trojan's Alpha Plus® Paste with **T2 Technology**. The grid formulation provides exceptional structural adhesion between the Alpha Plus Paste and the grid frame. Thick grids reinforce the strength of the frame and reduce overall corrosion. The overall grid configuration is optimized to enhance current flow through the grid network providing exceptional battery performance, reducing downtime and lowering overall maintenance costs.

### Maxguard® **T2** Separator

#### Longer Battery Life

Exclusively available in Trojan batteries is our Maxguard® **T2** advanced separator. Trojan's Maxguard **T2** separator features a multi-rib geometry which keeps acid channels open longer enhancing electrochemical processing while reducing the risk of stratification. Maxguard's proprietary rubber-based material formulation inhibits antimony transfer between the positive grids and negative plates; a protection not available in many other competitor batteries. A newly fortified, thick back web provides even greater separator strength resulting in a more robust battery with increased protection against failures caused by separator degradation. Trojan's Maxguard **T2** advanced separator sustains performance providing exceptionally longer battery life and significantly lowering your operating costs.



# HYDROLINK™ - BATTERY WATERING MADE EASY



## HYDROLINK – BATTERY WATERING MADE EASY

Proper maintenance and periodic watering are important factors in maximizing the performance and life of your Trojan deep cycle, flooded batteries. Battery maintenance can be a costly, time-consuming and messy job. With Trojan's HydroLink™ advanced, single-point watering system, precise battery watering is made easy saving you valuable time and money.

## Convenient Installation Options

Trojan's HydroLink watering system is specifically designed to work with 6-volt, 8-volt and 12-volt Trojan golf car batteries\*. HydroLink™ is available pre-installed on Trojan golf car batteries, removing the guess work on proper installation for customers. With one simple snap of a single connection from the watering tube into each HydroLink™, the system is ready for use. Once installed, you can fill a complete set of batteries in less than 30 seconds.

## HydroLink™ Vent

The HydroLink™ vent assembly is a unique vent which features an independent water level indicator, valve shut off and dual flame arrestors.

### Independent Water Level Indicator

Maintaining the proper electrolyte level can extend the performance and life of your battery. However, determining the correct level can be a challenge. Trojan's HydroLink vent features an independent water level indicator that accurately displays whether your battery needs watering. A white indicator signals that the battery needs water. A black indicator signals that the battery has enough water...it's that simple.

### Valve Shut Off

The valve shut off accurately controls cell electrolyte levels. Using a balanced valve design the shut off valves automatically cut the water flow into the individual cells eliminating the potential of overflow or acid splash caused by overfilling. HydroLink's valve shut off works in conjunction with the hose end assembly and flow indicator to provide you with precise battery watering.

### Dual Flame Arrestors

The HydroLink system is equipped with dual flame arrestors, an important safety feature not standard on other watering systems. The internal flame arrestors prevent internal sparks from passing through the watering system to neighboring cells while the external flame arrestor prevents external sparks from entering your Trojan battery.



Independent Water Level Indicator



Water Indicator Signal



\* HydroLink is not compatible with all batteries.

\*\* To view Trojan's HydroLink Financial Sense & Limited Warranty visit: [www.trojanbattery.com/HydroLink](http://www.trojanbattery.com/HydroLink)



Snake™ Tubing



Snake™ Coupling Connection  
Water Flow Indicator

### Snake™ Tubing

The HydroLink™ system offers a patent-pending Snake™ tubing assembly. This one-piece unit eliminates the need for multi connections resulting in fewer parts and quicker watering. The Snake tubing is preassembled to fit the most popular electric golf car configurations.

### Warranty

HydroLink™ watering system is tested and guaranteed to work with Trojan golf batteries and comes with a four-year, limited warranty.\*\*



## Experience the Trojan Difference — Reputation Built on Quality, Leadership and Innovation

### Leadership

Founded in 1925 by co-founders George Godber and Carl Speer, Trojan Battery Company is the world's leading manufacturer of deep cycle batteries. From deep cycle flooded batteries to Deep-Cycle Gel and AGM batteries, Trojan has shaped the world of deep cycle battery technology with over 85 years of battery manufacturing experience. With the invention of the golf car battery for the Autoette vehicle in 1952, Trojan pioneered the development of deep cycle battery technology for the golf industry; successfully introducing mobilization to the game of golf. For Trojan, this began a legacy of leadership and innovation that prevails today in the global, deep cycle markets spanning applications for golf, commercial trucking, renewable energy, floor machines, aerial work platform and recreational vehicles. Today, Trojan batteries are available worldwide through our global network of master distributors.

Headquartered in Santa Fe Springs, CA, Trojan's operations include ISO 9001:2008 certified manufacturing plants in California and Georgia, two advanced research and development centers dedicated exclusively to deep cycle battery technologies and international offices located in Europe, UAE and Asia. Trojan is a proud member of the Battery Council International (BCI) and a technical research partner with the Bulgarian Academy of Sciences.

### Research and Development

Quality and innovation are the cornerstones of our product development. As the leading manufacturer of deep cycle golf batteries, Trojan retains two state-of-the-art research and development centers dedicated exclusively to battery technology and innovation. Engineering teams, backed by over 200 years of deep cycle development expertise, work together to innovate and bring to market advanced battery technologies that exceed our customers' expectations for outstanding battery performance.

To ensure the quality and superior performance of our batteries Trojan applies the most rigorous testing procedures in the industry to test for cycle life, capacity, charger algorithms and both physical and mechanical integrity. Trojan's battery testing procedures adhere to both BCI and IEC test standards. Trojan's state-of-the-art R&D centers include charger characterization and analytical labs, battery prototype and evaluation labs and battery autopsy centers all dedicated to providing you with a superior battery that you can rely on.



Clean energy for life™

# GOLF BATTERIES

BCI GROUP SIZE	TYPE	CAPACITY <sup>A</sup> Minutes			CAPACITY <sup>B</sup> Amp-Hours (AH)		TERMINAL Type	DIMENSIONS <sup>C</sup> Inches (mm)			WEIGHT lbs. (kg)
		@25 Amps	@56 Amps	@75 Amps	5-Hr Rate	20-Hr Rate		Length	Width	Height <sup>D</sup>	
<b>6 VOLT DEEP CYCLE BATTERIES - with T2 TECHNOLOGY™</b>											
GC2	T-605	383	-	105	175	210	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	58 (26)
GC2	T-105	447	-	115	185	225	1, 2, 3, 4, 5	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	62 (28)
GC2	T-105 Plus	447	-	115	185	225	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-11/16 (272)	62 (28)
GC2	T-125	488	-	132	195	240	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	66 (30)
GC2	T-125 Plus	488	-	132	195	240	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	10-11/16 (272)	66 (30)
GC2H	T-145	530	-	145	215	260	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	11-5/8 (295)	72 (33)
GC2H	T-145 Plus	530	-	145	215	260	1, 2, 3, 4	10-3/8 (264)	7-1/8 (181)	11-1/2 (292)	72 (33)
<b>8 VOLT DEEP CYCLE BATTERIES - with T2 TECHNOLOGY™</b>											
GC8	T-860	260	90	-	125	150	1	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	58 (26)
GC8	T-875	295	117	-	145	170	1, 2, 3	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	63 (29)
GC8	T-890	340	132	-	155	190	1, 2, 3	10-3/8 (264)	7-1/8 (181)	10-7/8 (276)	69 (31)
<b>12 VOLT DEEP CYCLE BATTERIES - with T2 TECHNOLOGY™</b>											
N/A	T-1260 Plus	260	90	60	113	140	1	12-7/8 (327)	7-1/8 (181)	10-11/16 (272)	78 (35)
N/A	T-1275	280	102	-	120	150	1	12-7/8 (327)	7-1/8 (181)	10-7/8 (276)	82 (37)
N/A	T-1275 Plus	280	102	-	120	150	1	12-7/8 (327)	7-1/8 (181)	10-11/16 (272)	82 (37)
<b>6 VOLT DEEP-CYCLE GEL BATTERY</b>											
GC2	6V-GEL	394	-	-	154	189	7	10-1/4 (260)	7-1/8 (181)	10-7/8 (276)	69 (31)

- A. The number of minutes a battery can deliver when discharged at a constant rate at 80°F (27°C) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.  
 B. The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80°F (27°C) for the 20-Hour rate and 86°F (30°C) for the 5-Hour rate and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.  
 C. Dimensions are based on maximum size. Dimensions may vary depending on type of handle or terminal.  
 D. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.

## Terminal Configurations



**1 ELPT** Embedded Low Profile Terminal  
**2 EHPT** Embedded High Profile Terminal  
**3 EAP** Embedded Automotive Post Terminal



**4 EUT\*** Embedded Universal Terminal  
**5 LT** L-Terminal  
**7 UT** Universal Terminal

\*EUT Terminal available Fall 2010



Trojan batteries are available worldwide through Trojan's Master Distributor Network. We offer outstanding technical support, provided by full-time application engineers.

**For a Trojan Master Distributor near you, call 800.423.6569 or + 1.562.236.3000 or visit [www.trojanbattery.com](http://www.trojanbattery.com)**

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### Environmental Stewardship

At Trojan Battery, when we say, "Clean energy for life," we mean every word. As proactive supporters of environmental sustainability, our environmental stewardship focuses on clean energy initiatives and recycling programs.



- Trojan batteries are 97% recyclable. The container plastic, battery lead and electrolyte from old deep cycle batteries can be recycled to produce new deep cycle batteries.
- Through its partnership with Southern California Edison (SCE) Trojan saves over 8 million kilowatt hours and cuts CO<sub>2</sub> emissions by over 12 million pounds significantly reducing our annual energy consumption and carbon foot print.