



TROJAN[®]
BATTERY COMPANY

GOLF

& ELECTRIC VEHICLES

**RELIABLE, DURABLE
BATTERIES FROM THE
NAME YOU TRUST**



WE'RE FIRST— BECAUSE THEY LAST.

For nearly 100 years, Trojan Battery has engineered and manufactured the best performing batteries in the industry. Our early success in the golf car industry established Trojan as a leader. Today, we're the world's leading supplier of quality deep-cycle batteries.

Trojan has played an essential role in enhancing the golfing experience for decades. We continuously charge forward to meet your needs with dependable, high-performance batteries that you can count on to last day after day and year after year.

The golf and electric vehicle segments will always be a strong part of our legacy and our future. Our latest offering, Trillium® Intelligent Lithium, is truly a superior battery with advanced features that delivers more runtime, lifetime, and peace of mind. As new technology for electric vehicles evolves, Trojan will be ready to innovate and meet those demands. Just like our legendary batteries, we are here for the long run.

We're Trojan Battery. We're **CHARGING FORWARD.**

TRILLIUM®

TROJAN INTELLIGENT LITHIUM

MORE RUNTIME, LIFETIME, AND PEACE OF MIND

Designed, engineered and assembled in the United States, Trillium® can be used in a variety of Golf or Electric Vehicle applications. From its superior cell and battery design to its intelligent, built-in diagnostics, Trillium offers a range of advanced safety, environmental, and electronic features not found in competitors' products. With a life expectancy well over 5,000 cycles and legendary Trojan quality, Trillium delivers outstanding return on investment over time.

ADVANCED FEATURES

Automotive-Grade Safety Systems

Trillium's microprocessor-controlled safety system protects it against rigorous abuse and extreme demands.

CAN Communications*

Provides the ability to track battery State of Charge (SoC) and temperature.

True Lead-Acid Replacement

No additional systems integration or specialized chargers are needed. Install Trillium, and it works.**

Rugged and Durable

Trillium features automotive-grade components for durability and safety. It's waterproof and dust-proof, with an IP67 environmental rating—the highest in its class.

Superior Performance

Trillium gives you more runtime and longer life than other batteries in its class and delivers consistent power across the state of charge range. It's 20% smaller than competitors' batteries, can be charged in less than two hours, and is scalable up to 48 volts.



TR 12.8-92 LI-ION

Microprocessor Cell Balancing
CAN Communications Battery Management System
SOC Gauge



TR 12.8-110 LI-ION

Microprocessor Cell Balancing
SOC Gauge Battery Management System



TR 25.6-25 LI-ION

Cell Balancing

KEY FEATURES

MOTIVE

INNOVATIVE DEEP-CYCLE FLOODED BATTERIES

Trojan's deep-cycle flooded batteries are the flagship of Trojan's product portfolio. Engineered to provide rugged durability, outstanding performance and long life, Trojan's deep-cycle flooded batteries are perfectly suited for use in a variety of golf and electric vehicles. These powerful deep-cycle flooded batteries feature Trojan's historically-proven engineering and T2 Technology,[™] an advanced battery technology for maximum sustained performance, longer life and increased total energy.



HYDROLINK WATERING SYSTEM

Battery Watering Made Easy

Proper maintenance and periodic watering are important factors in maximizing the performance and life of 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 valuable time and money.

Convenient Installation

Trojan's HydroLink watering system is specifically designed to work with Trojan's 6-volt, 8-volt and 12-volt flooded batteries* and takes the guess work out of properly watering flooded batteries. In addition, the design of the HydroLink watering system prevents direct access to a battery's electrolyte and reduces acid splash, enhancing safety during the battery watering process. With a simple installation of the HydroLink manifolds and tubing, a complete set of batteries can be filled in less than 30 seconds.



THE T2 ADVANCED BATTERY TECHNOLOGY DIFFERENCE

Engineered specifically to meet the increasing demands of today's golf cars, 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.



1 Alpha Plus® Paste with T2 Technology

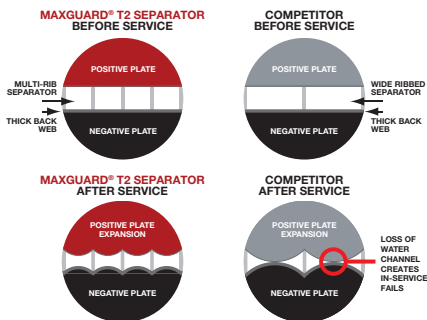
Optimizes porosity development in the active material resulting in sustained battery performance over a longer period of time.

2 Trojan Grid Technology

Thick grids reinforce the strength of the frame and reduce overall corrosion. The grid configuration is optimized to enhance current flow through the grid network providing exceptional battery performance, reducing downtime and lowering overall maintenance costs.

3 Maxguard® T2 Separator

Its multi-rib geometry design 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 competitors' 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.



MOTIVE 6-VOLT



MOTIVE 8-VOLT



MOTIVE 12-VOLT

KEY FEATURES

Trojan Grid Technology
Maxguard® T2 Separator
HydroLink™ System*

Alpha Plus® Paste with T2 Technology™
Durable Case

*HydroLink is not compatible with all batteries.

MOTIVE

DEEP-CYCLE AGM BATTERIES

with **C-Max Technology™**

Trojan has developed AGM batteries with C-Max Technology™ for a wide range of applications that require deep-cycling power such as golf, utility, NEV and low-speed vehicles, as well as hunting buggies. These batteries deliver increased total energy output, maximized sustained performance, consistent quality, and enhanced durability.



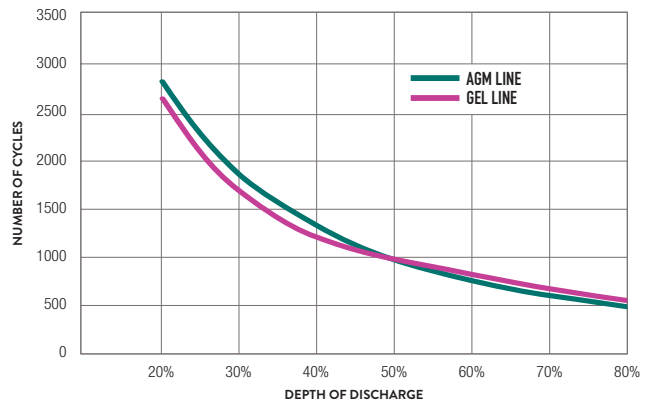
C-MAX TECHNOLOGY INCORPORATES A WIDE RANGE OF FEATURES NOT FOUND IN MANY AGM BATTERY OFFERINGS:

- ◆ Proprietary paste maximizes sustained performance and increases total energy.
- ◆ Unique separator protects against stratification and extends battery life.
- ◆ Plastic polymer case is extremely durable and provides higher battery cell performance to ensure reliability.
- ◆ Flame arrestors provide maximum safety.

DEEP-CYCLE GEL BATTERIES

Trojan's non-spillable, maintenance-free Gel batteries deliver superior power in demanding golf and electric vehicle applications. Proprietary formulations provide consistent performance and significant advantages over competing products. Active material adheres to the thick, heavy-duty grids to supply concentrated energy to the terminals while double-insulated separators maximize charge flow between the plates for optimal power.

MOTIVE AGM AND GEL DOD VS. CYCLE LIFE



MOTIVE 6-VOLT AGM

KEY FEATURES

- C-Max Technology
- Proprietary Paste
- Premium Separator



MOTIVE 8-VOLT AGM

- Durable Case
- Flame Arrestors



MOTIVE 12-VOLT AGM



MOTIVE 6-VOLT GEL

KEY FEATURES

- Proprietary Gel
- Premium Separator
- Rugged Construction

PRODUCT SPECIFICATION GUIDE

| BCI GROUP SIZE | MODEL NAME | VOLTAGE | NOMINAL CAPACITY | CAPACITY AMP-HOURS (Ah) | | | ENERGY (kWh) | SHORT CIRCUIT CURRENT (A) | TERMINAL TYPE | DIMENSIONS ° INCHES (mm) | | | WEIGHT ° LBS. (kg) |
|---|--------------------|---------|------------------|-------------------------|------------|------------|--------------|---------------------------|---|--------------------------|------------|------------|--------------------|
| | | | | 5-Hr (18A) | 10-Hr (9A) | 20-Hr (5A) | | | | LENGTH | WIDTH | HEIGHT ° | |
| TRILLIUM® DEEP-CYCLE LITHIUM BATTERIES | | | | | | | | | | | | | |
| 24 | TR 12.8-92 LI-ION | 12.8V | 92Ah (1,180Wh) | 92 | 92 | 92.5 | 1.18 | Fused @ 400 Amps | M8-1.25 Threaded Hole | 10.16 (258) | 6.61 (168) | 8.50 (216) | 27 (12) |
| 27 | TR 12.8-110 LI-ION | 12.8V | 110Ah (1,400Wh) | 110 | 110 | 111 | 1.42 | Fused @ 500 Amps | 5/16"-18 Stud and 1/4"-20 Threaded Hole | 12.07 (307) | 6.57 (167) | 8.63 (219) | 30 (14) |
| U1 | TR 25.6-25 LI-ION | 25.6V | 25Ah (640Wh) | 25 | 25 | 25.5 | 0.64 | Fused @ 125 Amps | M6-1.0 Threaded Hole | 7.76 (197) | 5.20 (132) | 6.74 (171) | 12 (5) |

| BCI GROUP SIZE | MODEL NAME | CAPACITY ° MINUTES | | | CAPACITY ° AMP-HOURS (Ah) | | | | ENERGY (kWh) | TERMINAL TYPE ° | DIMENSIONS ° INCHES (mm) | | | WEIGHT LBS. (kg) ° | HYDROLINK™ OR SINGLE-POINT WATERING KIT ° |
|--|-------------|--------------------|----------|----------|---------------------------|------------|------------|-------------|--------------|-----------------|--------------------------|------------|-------------|--------------------|---|
| | | @25 AMPS | @56 AMPS | @75 AMPS | 5-Hr RATE | 10-Hr RATE | 20-Hr RATE | 100-Hr RATE | | | 100-Hr RATE | LENGTH | WIDTH | | |
| 6 VOLT DEEP-CYCLE BATTERIES WITH T2 TECHNOLOGY™ | | | | | | | | | | | | | | | |
| GC2 | T-605 | 383 | — | 105 | 175 | 193 | 210 | 232 | 1.39 | 1, 2, 3 | 10.30 (262) | 7.13 (181) | 11.15 (283) | 58 (26) | HydroLink |
| GC2 | T-105 | 447 | — | 115 | 185 | 207 | 225 | 250 | 1.50 | 1, 2, 3, 4 | 10.30 (262) | 7.13 (181) | 11.15 (283) | 62 (28) | HydroLink |
| GC2 | T-105 PLUS | 447 | — | 115 | 185 | 207 | 225 | 250 | 1.50 | 1, 2, 3 | 10.30 (262) | 7.11 (181) | 11.07 (281) | 62 (28) | N/A |
| GC2 | T-125 | 488 | — | 132 | 195 | 221 | 240 | 266 | 1.60 | 1, 2, 3, 4 | 10.30 (262) | 7.13 (181) | 11.15 (283) | 66 (30) | HydroLink |
| GC2 | T-125 PLUS | 488 | — | 132 | 195 | 221 | 240 | 266 | 1.60 | 1, 2, 3 | 10.30 (262) | 7.11 (181) | 11.07 (281) | 66 (30) | N/A |
| GC2H | T-145 | 530 | — | 145 | 215 | 239 | 260 | 287 | 1.72 | 1, 2, 4 | 10.30 (262) | 7.13 (181) | 11.91 (303) | 72 (33) | HydroLink |
| GC2H | T-145 PLUS | 530 | — | 145 | 215 | 239 | 260 | 287 | 1.72 | 1, 2 | 10.30 (262) | 7.13 (181) | 11.91 (303) | 72 (33) | N/A |
| 8 VOLT DEEP-CYCLE BATTERIES WITH T2 TECHNOLOGY™ | | | | | | | | | | | | | | | |
| GC8 | T-875 | 295 | 117 | — | 145 | 155 | 170 | 189 | 1.51 | 1, 2 | 10.27 (261) | 7.10 (180) | 11.14 (283) | 63 (29) | HydroLink |
| GC8 | T-890 | 340 | 132 | — | 155 | 175 | 190 | 211 | 1.69 | 1, 2 | 10.27 (261) | 7.10 (180) | 11.14 (283) | 69 (31) | HydroLink |
| GC8H | RANGER 160 | 430 | 160 | — | 169 | 186 | 204 | 225 | 1.80 | 2 | 10.21 (259) | 7.10 (180) | 11.90 (302) | 76 (34) | HydroLink |
| 12 VOLT DEEP-CYCLE BATTERIES WITH T2 TECHNOLOGY™ | | | | | | | | | | | | | | | |
| GC12 | T-1260 PLUS | 260 | 90 | 60 | 113 | 126 | 140 | 155 | 1.86 | 1 | 12.96 (329) | 7.13 (181) | 10.71 (272) | 78 (35) | N/A |
| GC12 | T-1275 | 280 | 102 | 70 | 120 | 134 | 150 | 166 | 1.99 | 1, 2 | 12.96 (329) | 7.13 (181) | 11.13 (283) | 85 (39) | HydroLink |
| GC12 | T-1275 PLUS | 280 | 102 | 70 | 120 | 134 | 150 | 166 | 1.99 | 1 | 12.96 (329) | 7.13 (181) | 10.71 (272) | 85 (39) | N/A |
| 6 VOLT DEEP-CYCLE AGM BATTERY WITH C-MAX TECHNOLOGY™ | | | | | | | | | | | | | | | |
| GC2 | T105-AGM | 440 | — | 115 | 171 | 187 | 217 | 230 | 1.38 | 5, 8, 15 | 10.30 (262) | 7.06 (179) | 10.73 (273) | 68 (31) | N/A |
| 8 VOLT DEEP-CYCLE AGM BATTERY WITH C-MAX TECHNOLOGY™ | | | | | | | | | | | | | | | |
| GC8 | T875-AGM | 320 | 118 | — | 130 | 142 | 160 | 170 | 1.36 | 5, 8, 15 | 10.30 (262) | 7.06 (179) | 10.73 (273) | 70 (32) | N/A |
| 12 VOLT DEEP-CYCLE AGM BATTERY WITH C-MAX TECHNOLOGY™ | | | | | | | | | | | | | | | |
| GC12 | T1275-AGM | 254 | — | 70 | 114 | 126 | 132 | 135 | 1.62 | 5, 8, 15 | 12.96 (329) | 7.06 (179) | 10.96 (278) | 83 (38) | N/A |
| 6 VOLT DEEP-CYCLE GEL BATTERY | | | | | | | | | | | | | | | |
| GC2 | 6V-GEL | 394 | — | — | 154 | 167 | 189 | 198 | 1.19 | 6 | 10.25 (260) | 7.08 (180) | 10.82 (275) | 68 (31) | N/A |

- 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) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.
- C. Dimensions may vary depending on type of handle or terminal. Batteries to be mounted with .5 inches (12.7 mm) spacing minimum.

- D. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
- E. Terminal images are representative only.
- F. N/A = Not Available. For more information on HydroLink™ or the Single-Point Watering Kit (SPWK), please contact your Trojan Battery representative. Gel and AGM batteries do not require watering.
- G. Weight may vary.
- Trojan's battery testing procedures adhere to both BCI and IEC test standards.

TERMINAL CONFIGURATIONS



1 - ELPT
Embedded Low Profile



2 - EHPT
Embedded High Profile



3 - EAPT
Embedded Automotive Post



4 - EUT/R
Embedded Universal/Reverse



5 - LT
L-Terminal



6 - DT
Automotive Post & Stud



8 - AP
Automotive Post



15 - M6/M8
6mm/8mm Insert

LEADING THE CHARGE YESTERDAY, TODAY, AND TOMORROW.

You don't become the world's leading manufacturer of deep-cycle batteries by following others or being satisfied with the status quo. At Trojan, we have a long-established reputation for leadership, innovation, and a commitment to unsurpassed quality in every product we design and manufacture.

- ◆ Trojan made a name for itself in the golf car battery industry starting in 1952. Today we are a leader in deep-cycle markets with applications for mobile elevated work platforms, transportation, renewable energy, floor machines, golf, marine, and recreational vehicles.
- ◆ We believe in the power of research and development and dedicate significant resources to bringing advanced battery technologies to market.
- ◆ Quality is at the heart of everything we do, and every battery we design and manufacture is subjected to the most rigorous industry testing procedures.

ENVIRONMENTAL STEWARDSHIP

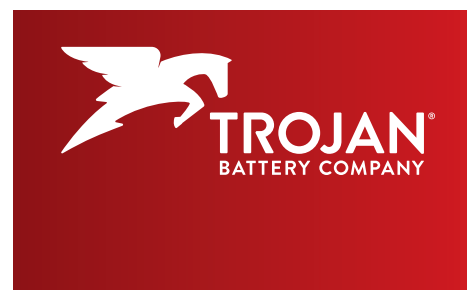
We are proactive supporters of environmental sustainability. Trojan's environmental stewardship focuses on clean energy initiatives and recycling programs.

- ◆ Trojan batteries are 99% recyclable.* The container plastic, battery lead and electrolyte from old deep-cycle flooded, AGM, and Gel batteries can be recycled to produce new deep-cycle batteries.

Your Local Trojan Battery Representative:



*DO NOT MIX LITHIUM ION BATTERIES WITH LEAD-ACID BATTERIES WHEN RECYCLING.



TRJN0156_GolfCarr_111219



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