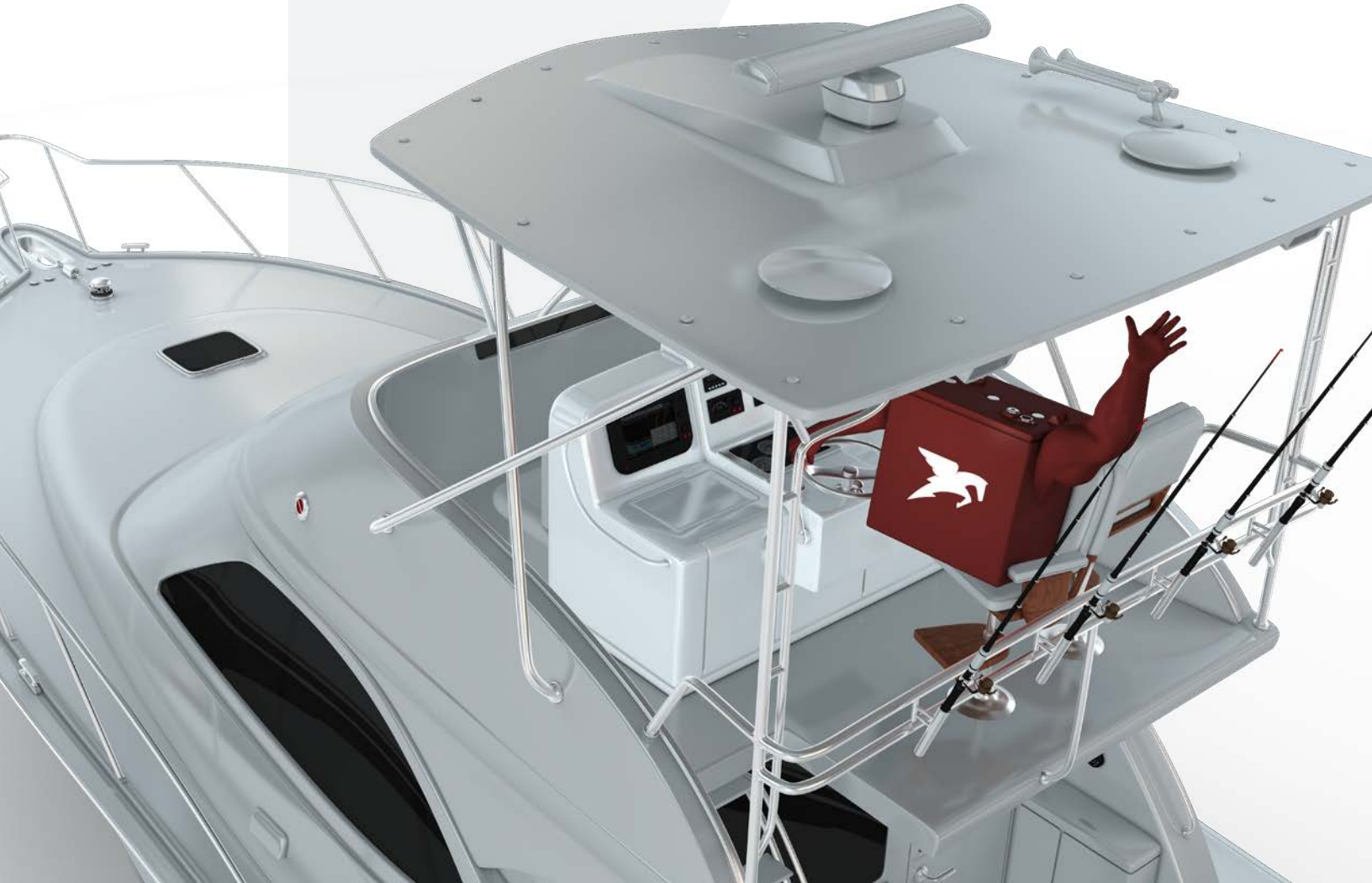
TROJAN®
BATTERY COMPANY

RECREATION

MARINE & RV

RELIABLE, DURABLE BATTERIES FROM THE NAME YOU TRUST



WE'RE FIRST— BECAUSE THEY LAST.

With nearly 100 years of experience, Trojan has grown to become the world's leading supplier of deep-cycle batteries and the Trojan name continues to be synonymous with reliability, long-life, and high-performance.

There's a big world to explore, whether you love being on the road or on the water looking for the next adventure. Owning the highest quality equipment with the most reliable power for your Marine or RV is a top priority for what matters most to you. Whatever your passion, nothing brings you closer to the great outdoors than a battery that provides rugged durability with outstanding performance.

This is why RV'ers and recreational boaters choose Trojan. We understand the importance of these performance features in your daily operations and that is why we offer the broadest portfolio of high-quality, deep-cycle flooded, Lithium Ion, AGM and Gel products available. There's no better power solution than the proven technology of Trojan.

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 Marine and RV 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.

KEY FEATURES	TR 12.8-92 LI-ION	TR 12.8-110 LI-ION	TR 25.6-25 LI-ION
	Microprocessor	Microprocessor	Cell Balancing
	CAN Communications	SoC Gauge	
	SoC Gauge	Cell Balancing	
	Cell Balancing	Battery Management System	
	Battery Management System		

*TR 12.8-92 only

**See the Trillium User's Guide Section 2 (Safety), 6 (Charging) and 10 (Automatic Safety Shutdown).

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 Marine and RV 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.

* HydroLink is not compatible with all batteries. See warranty for details: www.trojanbattery.com/products/hydrolink-watering-system/

MADE IN THE USA

THE T2 ADVANCED BATTERY TECHNOLOGY DIFFERENCE

Engineered specifically to meet the increasing demands of today's recreation enthusiasts, 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

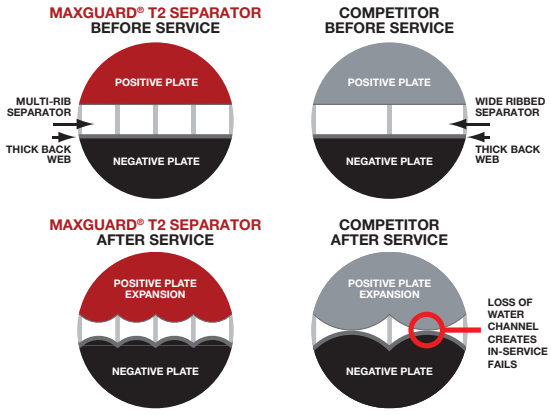
Optimizes porosity development in the active material resulting in sustained battery performance over a longer period of time.

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 12-VOLT

KEY FEATURES

- Trojan Grid Technology
- Maxguard® T2 Separator
- HydroLink™ System*
- Durable Case
- Alpha Plus® Paste with T2 Technology™
- Polyon™ Case**
- Optional Flip-Top Cap***

* HydroLink is not compatible with all batteries.
** Available on the J305P-AC, J305H-AC, L16P-AC, and L16H-AC.
*** Available on Plus Series

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 Marine and RV. These batteries deliver increased total energy output, maximized sustained performance, consistent quality, and enhanced durability.

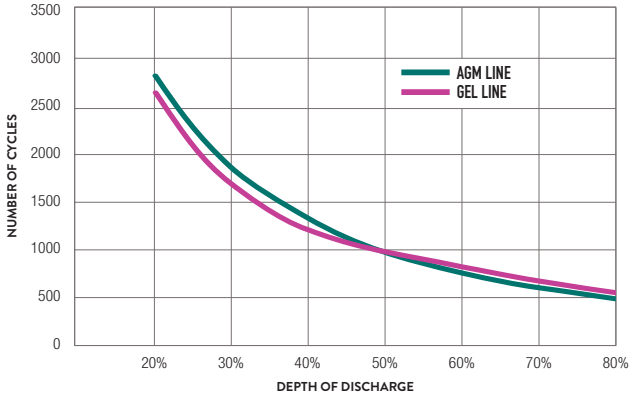
C-MAX TECHNOLOGY INCORPORATES A WIDE RANGE OF FEATURES NOT FOUND IN MANY AGM BATTERY OFFERINGS:

- 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 Marine and RV 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

MOTIVE 12-VOLT AGM

KEY FEATURES

C-Max Technology
Proprietary Paste
Premium Separator
Durable Case
Flame Arrestors

MOTIVE 12-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 [C] INCHES (mm)			WEIGHT [G] LBS. (kg)
				5-Hr (18A)	10-Hr (9A)	20-Hr (5A)	20-Hr			LENGTH	WIDTH	HEIGHT [D]	
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 [A] MINUTES		CAPACITY [B] AMP-HOURS (Ah)				ENERGY (kWh)	TERMINAL TYPE [G]	DIMENSIONS [C] INCHES (mm)			WEIGHT LBS. (kg) [I]	HYDROLINK™ OR SINGLE-POINT WATERING KIT [H]
		@25 AMPS	@75 AMPS	5-Hr RATE	10-Hr RATE	20-Hr RATE	100-Hr RATE	100-Hr RATE		LENGTH	WIDTH	HEIGHT [F]		
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
902	J305H-AC*	781	215	295	331	360	400	2.40	6	11.66 (296)	6.94 (176)	14.42 (366)	98 (45)	Single-Point
903	L16H-AC*	935	245	357	400	435	483	2.89	6	11.66 (296)	6.94 (176)	16.74 (425)	125 (57)	Single-Point
12 VOLT DEEP-CYCLE BATTERIES WITH T2 TECHNOLOGY™														
24	24TMX	140	36	70	78	85	94	1.13	7, 8, 9, 16	10.92 (277)	6.62 (168)	9.25 (235)	47 (21)	N/A
27	27TMX	175	45	85	97	105	117	1.40	7, 8, 9, 16	12.84 (326)	6.60 (168)	9.74 (247)	55 (25)	N/A
921	J185H-AC*	440	121	185	207	225	249	2.99	6	14.97 (380)	6.91 (176)	14.67 (373)	123 (56)	Single-Point
24	SCS150	150	36	80	92	100	111	1.33	10	11.30 (286)	6.73 (171)	9.80 (248)	50 (23)	N/A
27	SCS200	200	52	95	105	115	128	1.54	10	12.80 (324)	6.73 (171)	9.80 (248)	60 (27)	N/A
30H	SCS225	225	57	105	118	130	144	1.73	10	13.94 (354)	6.73 (171)	9.96 (253)	66 (30)	N/A

BCI GROUP SIZE	TYPE	CAPACITY [A] MINUTES		CRANKING PERFORMANCE		CAPACITY [B] AMP-HOURS (Ah)				ENERGY (kWh)	TERMINAL TYPE [G]	DIMENSIONS [C] INCHES (mm)			WEIGHT LBS. (kg) [I]	HYDROLINK™ OR SINGLE-POINT WATERING KIT [H]
		@25 AMPS	@75 AMPS	C.C.A. [D] @0°F	C.A. [E] @32°F	5-Hr Rate	10-Hr Rate	20-Hr Rate	100-Hr Rate	100-Hr RATE		LENGTH	WIDTH	HEIGHT [F]		
6 VOLT DEEP-CYCLE AGM BATTERIES 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
902	J305-AGM	670	185	—	—	250	273	310	329	1.97	5, 6, 15	11.66 (296)	6.94 (176)	14.09 (358)	95 (43)	N/A
903	L16-AGM	817	215	—	—	290	323	370	392	2.35	5, 6, 15	11.66 (296)	6.94 (176)	16.41 (417)	114 (52)	N/A
12 VOLT DEEP-CYCLE AGM BATTERIES WITH C-MAX TECHNOLOGY™																
31	31-AGM	177	—	600	720	82	92	100	111	1.33	6, 15	12.80 (325)	6.81 (173)	9.37 (238)	67 (30)	N/A
31	OverDrive AGM31	180	—	730	875	84	93	102	112	1.34	11	12.80 (325)	6.81 (173)	9.37 (238)	67 (30)	N/A
6 VOLT DUAL-PURPOSE AGM BATTERY																
GC2	6V-AGM	385	—	1100	1400	154	184	200	221	1.33	6	10.28 (261)	7.08 (180)	10.74 (273)	65 (29)	N/A
12 VOLT DUAL-PURPOSE AGM BATTERY																
8D	8D-AGM	460	—	1450	1850	179	210	230	254	3.05	6	20.47 (520)	10.64 (270)	9.08 (231)	161 (73)	N/A
12 VOLT DEEP-CYCLE AGM BATTERIES																
GC12	12-AGM	280	—	825	900	112	127	140	144	1.72	15	13.54 (344)	6.76 (172)	10.88 (276)	100 (45)	N/A
24	24-AGM	137	—	500	600	67	70	76	84	1.01	6	10.77 (274)	6.84 (174)	8.62 (219)	54 (24)	N/A
27	27-AGM	158	—	550	660	77	82	89	99	1.19	6	12.05 (306)	6.84 (174)	9.32 (237)	64 (29)	N/A

BCI GROUP SIZE	MODEL NAME	CAPACITY [A] MINUTES		CAPACITY [B] AMP-HOURS (Ah)				ENERGY (kWh)	TERMINAL TYPE [G]	DIMENSIONS [C] INCHES (mm)			WEIGHT LBS. (kg) [I]	HYDROLINK™ OR SINGLE-POINT WATERING KIT [H]
		@25 Amps	@75 Amps	5-Hr RATE	10-Hr RATE	20-Hr RATE	100-Hr RATE	100-Hr RATE		LENGTH	WIDTH	HEIGHT [F]		
12 VOLT DEEP-CYCLE GEL BATTERIES														
24	24-GEL	147	—	66	72	77	85	1.02	6	10.92 (277)	6.61 (168)	9.26 (235)	52 (24)	N/A
27	27-GEL	179	—	76	84	91	100	1.20	7	12.73 (323)	6.38 (162)	9.26 (235)	62 (28)	N/A
31	31-GEL	200	—	85	94	102	108	1.30	7	12.94 (329)	6.82 (173)	9.64 (245)	70 (32)	N/A

* Polyon™ Case

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 (12.7mm) spacing minimum.
D. C.C.A. (Cold Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 0°F at a voltage above 1.2 V/cell.
E. C.A. (Cranking Amps) - the discharge load in amperes which a new, fully charged battery can maintain for 30 seconds at 32°F at a voltage above 1.2 V/cell. This is sometimes referred to as marine cranking amps @ 32°F or M.C.A. @ 32°F.
F. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
G. Terminal images are representative only.
H. 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.
I. Weight may vary.

Trojan's battery testing procedures adhere to both BCI and IEC test standards.

TERMINAL CONFIGURATIONS [G]

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

7 - UT
Universal

8 - AP
Automotive Post

9 - WNT
Wingnut

10 - DWNT
Dual Wingnut

11 - ST
Stud

15 - M6/M8
6mm/8mm Insert

16 - SLT
Small L-Terminal

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 battery 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:

C·MAX TECHNOLOGY

99% RECYCLABLE LEAD-ACID ONLY

TROJAN BATTERY COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001:2015 =

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

12380 CLARK STREET, SANTA FE SPRINGS, CA 90670

TROJAN® BATTERY COMPANY

800.423.6569 +1.562.236.3000

TROJANBATTERY.COM

TRJN0175_RECColl_101419