

*There's a New Direction in AGM*

# **Reliant**<sup>™</sup>



Trojan's Reliant Line of U.S.-made Absorbed Glass Mat (AGM) batteries feature design elements that offer a new direction in AGM technology. As the only *true* deep-cycle AGM battery on the market today, Reliant is engineered with an advanced technology feature set that provides outstanding sustained performance and total energy output, delivering the exceptional quality and reliability Trojan batteries are known for.



Reliant AGM Provides *True* Deep-Cycle Performance and Maximum Total Energy



C- Max Technology Delivers the Maximum Total Energy Output in AGM Technology



Manufactured in Sandersville, Georgia to the Exacting Standards Trojan Battery is Known for



As the world's leading manufacturer of deep-cycle batteries for more than 85 years, Trojan has developed **Reliant™ AGM with C-Max Technology™** for a wide range of applications which will benefit from its true deep-cycle design, including aerial work platform, floor cleaning, golf, inverter, material handling, oil and gas, recreation, remote telecom, and renewable energy. Reliant AGM is also designed to power equipment used in locations where regulatory mandates require use of non-spillable batteries such as airports, healthcare facilities, shopping centers, educational institutions, etc.



Reliant AGM batteries are designed specifically for deep-cycle performance by Trojan's engineering team, which boasts more than 200 years of combined expertise in deep-cycle battery technology. Built in the USA at our state-of-the-art manufacturing facility in Sandersville, Georgia, Reliant AGM features premium components and superior manufacturing techniques. Reliant AGM is also supported by Trojan's technical support and Master Distributor network worldwide.



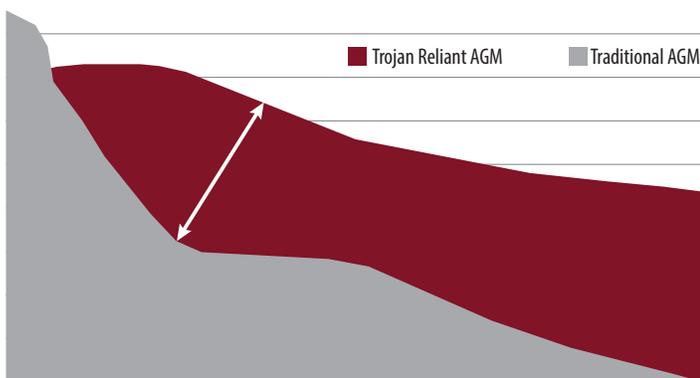
Reliant's unique **C-Max Technology** incorporates a wide range of features not found in many of today's AGM battery offerings, including a proprietary paste formula, unique separator, special polymer case design and maximum flame arrestors. **These combined elements deliver increased total energy output, maximized sustained performance, consistent quality, and enhanced durability.**

## C-Max Technology™

Features	Benefits
<b>Proprietary Paste Formula</b> Paste features elements designed to address the needs of deep-cycle applications	Maximizes sustained performance and increases total energy
<b>Unique Separator Composition</b> Thick design ensures high compression for effective contact between glass mats and plates	Protects against stratification for extended battery life
<b>Plastic Polymer Case Design</b> Distinct plastic polymer case formula with reinforced case end walls	Increases durability and provides higher battery cell compression to ensure reliable performance
<b>Maximum Flame Arrestors</b> Features one flame arrestor for each cell	Provides maximum battery safety
<b>Manufacturing Excellence</b> Trojan's advanced technology, premium components, exacting quality standards, dual-sided pasting process and superior manufacturing techniques	Delivers consistent battery quality for dependable battery functionality in deep-cycle AGM applications

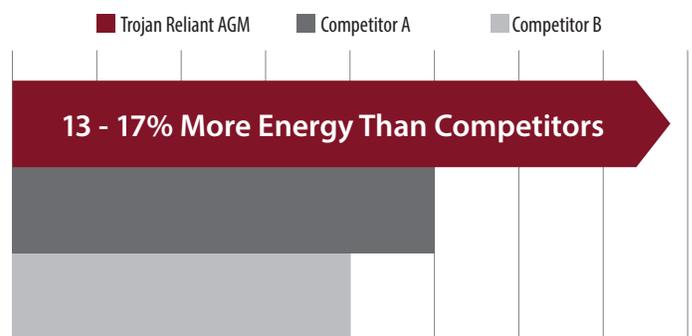
### Maximum Sustained Performance

Trojan Reliant™ AGM Focuses on **Sustained Performance** versus Competitors' Focus on High Peak Capacity



### Increased Total Energy Output

Trojan Reliant™ AGM Delivers the **Maximum Total Energy Output** in AGM Technology



Experience a new direction in *true* deep-cycle AGM batteries  
**– Reliant AGM with C-Max Technology**

# Product Specifications

BCI GROUP SIZE	PRODUCT NAME	VOLTAGE	CAPACITY <sup>A</sup> / Minutes			CRANKING Performance		CAPACITY <sup>B</sup> Amp-Hours (AH)			TERMINAL Type <sup>G</sup>	DIMENSIONS <sup>C</sup> INCHES (mm)			WEIGHT lbs. (kg)
			@25 Amps	@56 Amps	@75 Amps	C.C.A. <sup>D</sup> @ 0° F	C.A. <sup>E</sup> @ 32° F	RATE				Length	Width	Height <sup>F</sup>	
								5-Hr	10-Hr	20-Hr					
<b>6 VOLT RELIANT™ DEEP-CYCLE AGM BATTERIES WITH C-MAX TECHNOLOGY™</b>															
GC2	T105-AGM	6	440	-	115	-	-	171	187	217	8, 15	10.30 (262)	7.06 (179)	10.73 (273)	72 (33)
902	J305-AGM	6	670	-	185	-	-	250	273	310	5, 6, 15	11.66 (296)	6.94 (176)	13.99 (355)	102 (46)
903	L16-AGM	6	817	-	215	-	-	290	323	370	5, 6, 15	11.66 (296)	6.94 (176)	16.31 (414)	121 (55)
<b>8 VOLT RELIANT™ DEEP-CYCLE AGM BATTERIES WITH C-MAX TECHNOLOGY™</b>															
GC8	T875-AGM	8	320	118	-	-	-	130	142	160	8, 15	10.30 (262)	7.06 (179)	10.73 (273)	74 (34)
<b>12 VOLT RELIANT™ DEEP-CYCLE AGM BATTERIES WITH C-MAX TECHNOLOGY™</b>															
GC12	T1275-AGM	12	270	112	-	-	-	119	130	150	8, 15	12.96 (329)	7.06 (179)	10.96 (278)	89 (40)
921	J185-AGM	12	389	-	110	-	-	157	171	200	5, 6, 15	14.97 (380)	6.94 (176)	14.07 (357)	125 (57)

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 are based on nominal size. 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.

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

## Terminals<sup>G</sup>

<p><b>5</b> LT L-Terminal</p> 	<p><b>6</b> DT Automotive Post &amp; Stud</p> 	<p><b>8</b> AP Automotive Post</p> 
<p><b>11</b> ST Stud</p> 	<p><b>15</b> M6 / M8 6mm / 8mm Insert</p> 	

### 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 CO2 emissions by over 12 million pounds significantly reducing our annual energy consumption and carbon foot print.



**TROJAN BATTERY COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001:2008 =**



Your Local Trojan Battery Representative:

**For more information,  
 call 800.423.6569  
 or + 1.562.236.3000  
 or visit [www.trojanbattery.com](http://www.trojanbattery.com)**

