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Trojan Battery Launches New Solar AGM Line of True Deep-Cycle Batteries

SANTA FE SPRINGS, Calif., May 30, 2017 – [Trojan Battery Co., LLC](http://www.trojanbattery.com), the world’s leading manufacturer of deep-cycle batteries, today announced the launch of its new line of maintenance-free, *true* deep-cycle absorbent glass mat (AGM) batteries specifically designed for solar and other renewable energy applications. The new Trojan [Solar AGM line](#) is manufactured in the U.S.

Offering a three-year warranty for stationary applications, and tested to an eight-year design life under IEC 61427 standard for solar batteries, this initial release includes a wide range of Trojan Solar AGM models. With its non-spillable design, the new Trojan Solar AGM batteries enable installers to customize the use and position of the batteries in customer applications, and are certified for non-hazardous shipping per U.S. DOT/IATA regulations.

The Trojan Solar AGM line of batteries will be showcased at Intersolar Europe this week in Munich at the Trojan Battery booth B1.260.

For detailed specifications on the Solar AGM battery line, please visit <http://www.trojanbattery.com/solar-agm>.

“As we continue to see strong customer interest and demand in applications such as residential storage (both off-grid and grid-tied), solar home systems, microgrids, remote telecom, as well

< more >

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as oil/gas, Trojan's new line of *true* deep-cycle Solar AGM batteries has been designed from the ground up and optimized for these types of solar applications and the need for frequent cycling in harsh environments," said Ganesh Balasubramanian, director of new market development for Trojan Battery. "Trojan continues to remain the only global battery manufacturer to engineer, and produce only deep-cycle batteries, and now we have leveraged our 90 years of deep-cycle flooded experience into engineering and manufacturing the best cycling AGM battery line batteries for solar applications worldwide."

The new Trojan Solar AGM battery line extends Trojan's robust offering of maintenance-free, deep-cycle batteries specifically designed for renewable energy applications. This battery family joins Trojan's current Smart Carbon™ deep-cycle flooded batteries which feature Trojan's proprietary carbon additive that helps reduce the effects of Partial State of Charge (PSOC) or undercharging which is common in renewable energy applications. Operating at PSOC on a regular basis can quickly diminish the overall life of a battery, which results in frequent and costly battery replacements.

"With batteries being one of the most expensive components of a battery-based solar system, it is critical to maximize the life of the battery bank to reduce the total cost of ownership of a system," said Michael Grundke, general manager of EMEA for Trojan Battery. "Trojan's new Solar AGM line illustrates the company's commitment to offering reliable energy storage solutions for a wide range of renewable energy market segments. Trojan continues its focus on being an innovative leader in the energy storage space."

Trojan's Solar battery line incorporates a wide range of advanced technical features including a robust proprietary paste, advanced plate design and premium separators for overall extended lifecycle, and optimized for total cost ownership. In addition, Trojan's new deep-cycle Solar AGM batteries are temperature tolerant, shock and vibration resistant and have a low internal resistance for higher discharge current and higher charging efficiency. These features make it the ideal battery for the harsh and demanding environments of off-grid as well as grid-connected systems with frequent cycling needs.

About Trojan Battery Company

Trojan Battery is the foremost producer of deep-cycle batteries with more than 90 years of battery engineering and manufacturing expertise. We lead the industry in innovative technologies to extend deep-cycle battery performance. Trojan's new Solar AGM line is the first in a series of new solar batteries planned for availability in coming months. Trojan also includes Smart Carbon™ in its Industrial and Premium flooded batteries to address the impact of inconsistent charging.

Founded in 1925, the company is ISO 9001:2008 certified with operations in California and Georgia, and maintains two of the largest and most extensive research and development centers in North America, as well as one in Sligo, Ireland, dedicated to engineering new and advanced battery technology. For more information on Trojan Battery visit www.trojanbattery.com.

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