



## FOR IMMEDIATE RELEASE

***Intersolar Europe – Trojan Booth B1-150***

**Media Contact:**

Kari Garcia  
*Public Relations Manager*  
Trojan Battery Company  
562.236.3038  
[kgarcia@trojanbattery.com](mailto:kgarcia@trojanbattery.com)

### **Trojan Battery Showcases Smart Carbon™ Line of Advanced Lead Acid Batteries at Intersolar Europe**

***Smart Carbon Designed to Improve Battery Performance in Partial State of Charge***

**INTERSOLAR, MUNICH, June 3, 2014** – Trojan Battery, Co. LLC, will showcase its new lines of deep-cycle batteries featuring [Smart Carbon™](#) technology which addresses the impact of partial state of charge (PSOC) on cycling batteries in renewable energy (RE), inverter backup and remote telecom applications. Smart Carbon is designed to enhance life and performance of Trojan batteries operating in PSOC.

Smart Carbon is a standard feature in Trojan Battery's [Industrial](#) and [Premium](#) flooded battery lines, and are now available. Customers can contact their local [Trojan Battery distributor](#) or dealer for pricing in their area.

Smart Carbon is a proprietary Trojan formula which provides improved performance when the batteries operate in PSOC, enhancing overall battery life in off-grid and unstable grid applications where the batteries are under charged on a regular basis. Along with increased life in PSOC, Trojan's Smart Carbon provides improved charge acceptance and faster recharge in PSOC applications.

With batteries now being one of the most expensive components of RE, inverter backup and remote telecom systems, it is critical to maximize the life of the battery bank in order to reduce total cost of ownership. Trojan understands that batteries used in these systems are regularly cycled at PSOC due to the intermittency of solar generation, an unstable grid or to minimize operating costs of a hybrid Charge-Discharge-Cycle (CDC) system. Operating at PSOC can quickly diminish the overall life of a lead acid battery, which results in frequent and costly battery replacements.

< more >

C A L I F O R N I A

12380 Clark Street, Santa Fe Springs, CA 90670 | Tel.562.236.3000 | Tel.800.423.6569 | Fax.562.236.3282

G E O R G I A

5174 Minola Drive, Lithonia, GA 30038 | Tel.678.518.7300 | Tel.800.246.2550 | Fax.678.518.7398

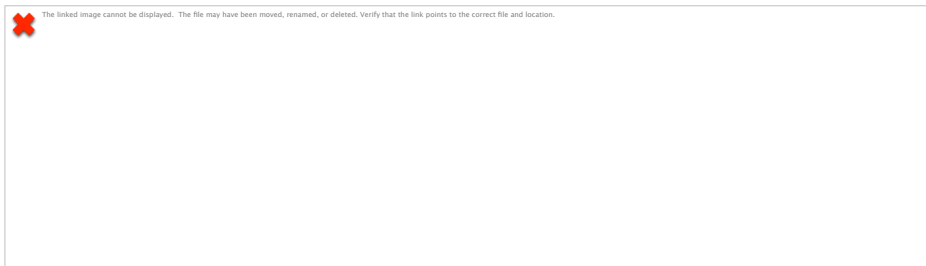
T R O J A N B A T T E R Y . C O M

Trojan chose to add Smart Carbon first to its deep-cycle flooded batteries because flooded technology is the most widely used in off-grid and unstable grid applications globally due to its cycling performance, ability to withstand harsh conditions, widespread availability and economical price point.

“Trojan Battery is the first manufacturer to introduce a carbon additive as a standard feature in its deep-cycle flooded batteries used in RE, inverter backup and remote telecom applications. Trojan’s engineering team has spent more than five years in research and development experimenting with many types of carbon to ensure the right formula to successfully address PSOC,” said Bryan Godber, senior vice president of global market development at Trojan Battery. “While most carbon additive research has focused on VRLA batteries for start-stop automotive applications, Trojan’s focus has been on the addition of carbon to deep-cycle flooded batteries for stationary applications in off-grid and unstable grid locations. Trojan is committed to these market segments and will continue to be an innovative leader in the energy storage space.”

### **About Trojan Battery Company**

Trojan Battery Company is the world’s leading manufacturer of deep-cycle batteries, offering a complete portfolio of technologically-advanced deep-cycle flooded, AGM and gel batteries that provide maximum long-lasting performance to meet the requirements of today’s advancing renewable energy systems. Trojan Battery Company, founded in 1925, is ISO 9001:2008 certified with U.S.-based operations in California and Georgia. For more information, visit [www.trojanbatteryRE.com](http://www.trojanbatteryRE.com)



###