

# Trojan Battery Plus Series Batteries

Introduced in March 2007, the Plus Series™ deep-cycle batteries from Trojan Battery Co., Santa Fe Springs, Calif., were designed to address the needs of aerial work platform users and owners, and as a result, the Plus Series batteries were developed to be durable, reliable, and easy to maintain.

In the field, aerial work platform operators were looking for battery maintenance to be easier; caps that remained attached to the battery so they would not lose them; and a clearly marked maximum electrolyte level. Users also wanted terminals that could withstand demanding environments.

“We spent a lot of time listening to the users of our products,” said Dave Godber, executive vice president of sales and marketing. “We are excited that this product line addresses many of their needs and concerns.”

Available for OEMs and aftermarket, the Plus Series is similar to other Trojan deep-cycle batteries but features three new components: the SureVent™ flip-top vent cap system, max-level water level indicators in the vent filling wells, and die-cast embedded terminals. According to Trojan, there are no other batteries available for aerial work platforms with flip-top vent caps or maximum water level indicators.

Patent-pending SureVent flip-top vent caps make opening and closing the vents easy. Unlike common screw-top caps used by most battery companies, SureVent caps flip open and stay attached to the battery cover, preventing users from misplacing or getting dirt on the caps during watering.

The Plus Series’ max-level water indicator is also unique. Because proper watering helps to maximize battery life, Trojan designed the max-level water indicator, which is essentially a built-in lip within each vent well. This visible indicator allows for



Flip-top caps and max-level water indicators are two unique features of the Plus Series.

precise watering and helps to prevent over-watering.

For demanding applications, the Plus Series’ battery terminals are embedded in the hard plastic cover. Die-cast embedded terminals better withstand the heat and stress and eliminate terminal breakage.

Additionally, the battery series includes Trojan’s exclusive Alpha-Plus® paste formulation for enhanced performance and longer life and Trojan’s proprietary Maxguard® Advanced Design Separator, which uses a multi-rib geometry that keeps the electrolyte channels open, resulting in more effective utilization of active material for sustained performance and longer life.

Plus Series batteries are available through Trojan’s master distributor network in three sizes: six-volt T-105 Plus, six-volt T-125 Plus, and six-volt T-145 Plus. According to Trojan, all makes and models of aerial work platforms that use this size will benefit from the Plus Series. Trojan Battery notes it is steadily receiving inquiries from major rental companies and OEMs since the Plus Series’ introduction last spring.

“Properly maintaining your battery means achieving the maximum performance and long life that you expect,” said Christine Johnson, senior marketing manager. “We designed the Plus Series so it’s easier for our users to maintain properly for maximum performance.” ■

### JUDGES’ COMMENTS

**Guy Ramsey:** “Flip-top caps are very innovative and a big benefit to owners of DC-powered machines. This is the kind of leadership Trojan is known for.”

**Steve Shaughnessy:** “Should help improve battery life.”

**Lance Sullivan:** “Trojan has been a supplier of the highest-quality batteries for the aerial industry so far. This new series of batteries sets them even more apart from their competitors.”

**Katie Parrish:** “Nice improvements that make battery maintenance even easier.”

