

# TOP POWER<sup>®</sup>

The Affordable Power Source



# TOP POWER®

## The Affordable Power Source

Looking for a quality battery at an affordable price? The TOP POWER® battery from HAWKER delivers the power you need at the value you want.

## Total Integrated Quality

TOP POWER® is produced in the most modern, environmentally friendly and quality driven plant in the industry. At every step in production, we use the best processes and materials to achieve one goal – Quality Products. Take for example our “signature system”.

Whether it's the stripe Wilman Araque paints on the grids he casts, or the initials Earl Thompson stamps into the posts he burns. Each and every person who helps build a HAWKER battery places his or her mark of quality on it.

The quality goes in before the name goes on!

The National Standards Association of Ireland (NSAI) has also placed its mark of quality – ISO 9001:2000 Certification – on our manufacturing process.

## Quality By Design

TOP POWER® batteries are the ideal choice for less demanding environments. This workhorse will keep your pallet jacks and lift trucks up and running for a full 1,500 cycles. How you ask? It's all in the battery's design and construction.

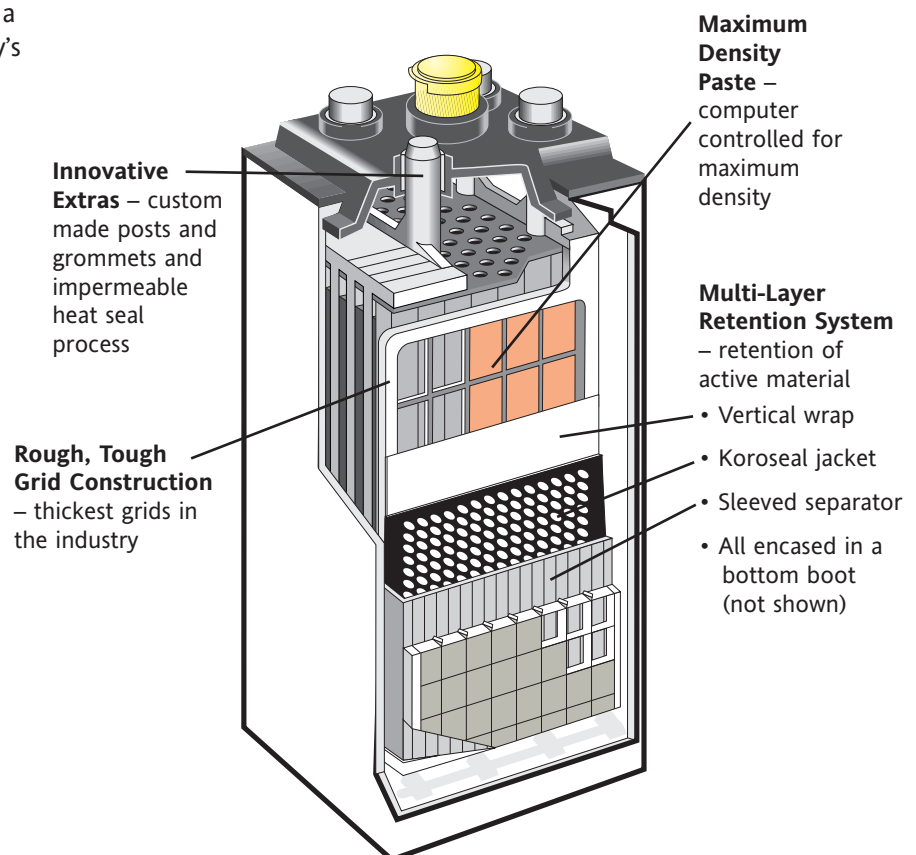
Let's take a closer look at the TOP POWER® battery's construction and added benefits:

- **Densest Paste** – The pasted plate is the heart and soul of your lead-acid battery. The grids are pasted with active material that is the densest available anywhere in the industry today. **Added benefit:** Ensures long-life operation under deep cycling as well as continued, uninterrupted power.
- **POWERPLUS™ Formation System** – Our revolutionary formation system uses an acid recirculation and two shot forming process. This ensures that every cell of every battery receives a uniform temperature-controlled acid bath. We also put at least 50% of our batteries through a full charge/discharge cycle before they ever leave the factory. **Added benefit:** Being subjected to significantly lower temperatures during formation results in more power and longer battery life.
- **Multi-Layer Retention System** – Includes the vertical wrap, koroseal jacket, and all encased in a bottom boot. Wrapped plates are then sleeved in a high-quality microporous plastic material. **Added benefit:** Sleeved separators eliminate failures caused by separator misalignment.

TOP POWER® is the ideal battery for trucks that do not use attachments or trucks that do not operate in harsh conditions.



TOP POWER® - The Affordable Power Source





TOP POWER® is clearly the affordable and quality power solution. TOP POWER® will keep your equipment running at peak levels – without running over budget.

### **HAWKER's Power Solutions**

HAWKER is the source for power solutions. Whether you're running a warehouse operation, a production line, or simply moving a couple of pallets a day, we have a product solution that can increase your productivity and save you money.

**WATER LESS®** – The Power to Reduce Expenses – Requiring watering just four to six times per year in normal applications, WATER LESS® combines the benefit of full power and reduced cost, without the expense of a special charger. When packaged with a comprehensive maintenance plan, WATER LESS® can help get you out of the maintenance business.

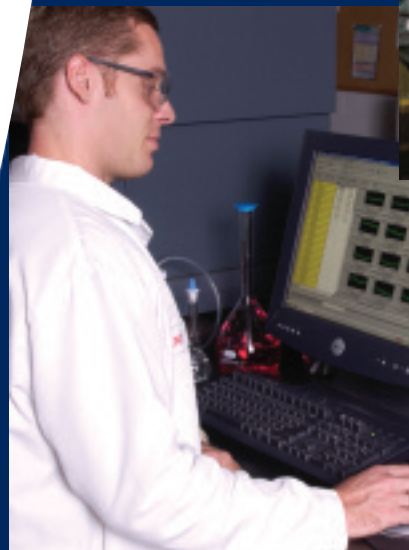
**ENERGY-PLUS™** – The Ultimate Power Source – When your operation depends on a heavy-duty battery – a battery that can stand up and deliver even under the most punishing conditions, you want ENERGY-PLUS™! ENERGY-PLUS™ employs a unique multi-plate design to pack more active material – and more power – into the same space, not just added acid.

**ENVIROLINK™** – The Environmental Choice for Power – Environmentally safe, technologically advanced, and virtually “maintenance free” sealed power. All characteristics of one battery. The new ENVIROLINK™ valve-regulated lead-acid (VRLA) battery.

**LIFEPLUS® TC3** – High-Frequency Power Source – LIFEPLUS® TC3 chargers are the result of over two decades of high-frequency smart charging experience. The LIFEPLUS® TC3 features plug-and-play flexibility – adjusting automatically to the needs of a broad range of batteries – and its own IP address for data networking. LIFEPLUS® TC3 high-frequency switching technology offers the highest conversion efficiency and power factor, significantly reducing electrical consumption and demand charges.

**POWERGUARD® HD** – The Power To Choose – The POWERGUARD® HD charger series consists of single-phase and three-phase chargers for every charging need. POWERGUARD® HD offers you the choice of two different controls, the PRO (standard) and the PREMIUM (high-end). POWERGUARD® HD allows you to control your fleet operation while at the same time control your operating costs.

For the right HAWKER power solution to meet your needs, please call **1-877-7HAWKER** for a HAWKER representative in your area.





Leading Edge Power Solutions  
HAWKER  
P.O. Box 808, 9404 Ooltewah Industrial Dr.  
Ooltewah, Tennessee 37363 USA  
Phone (423) 238-5700 (800) 238-VOLT Fax (423) 238-6060  
[www.hawkerpowersource.com](http://www.hawkerpowersource.com)