



HAWKER[®]
LEADING EDGE POWER SOLUTIONS

T O P P O W E R[®]



THE AFFORDABLE POWER SOURCE

Looking for a dependable, quality battery at an affordable price? The TOP POWER® battery from HAWKER® delivers the power you need at the value you want. The TOP POWER® battery serves as an efficient, affordable energy source for use in a variety of plant / warehouse environments.



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 Melvin Sanchez 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.

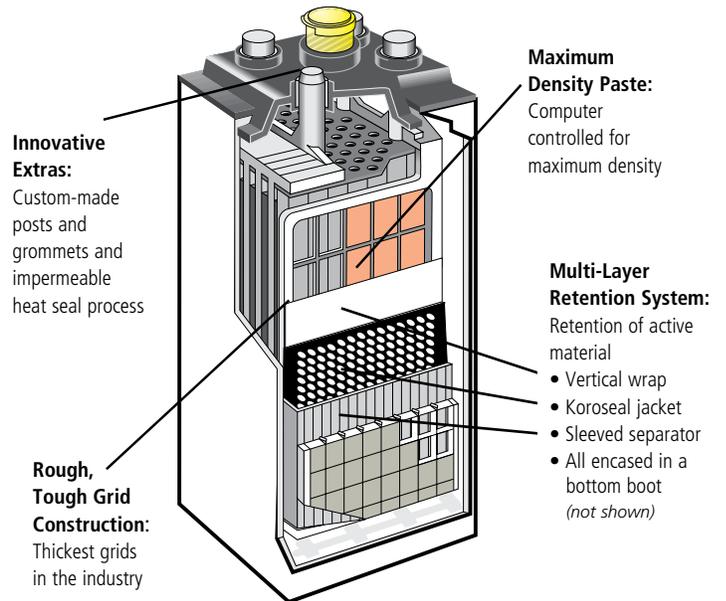
QUALITY BY DESIGN



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:

- **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 our batteries through a full charge/discharge cycle before they ever leave the factory.



- **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.
- **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.

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

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

ADDED BENEFITS of TOP POWER®

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

- HAWKER®'s tough, thick grid construction reduces corrosion and generates cooler battery operating temperatures – both leading to increased battery life.
- HAWKER®'s dense pasted plate ensures long-life operation under deep cycling as well as continued, uninterrupted power.
- Being subjected to significantly lower temperatures during formation results in more power and longer battery life.
- Sleeved separators in the Multi-Layer Retention System eliminate failures caused by separator misalignment.

**TOP POWER® –
The Affordable Power Source**



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 the ENERGY-PLUS™ battery. 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 sealed power. All characteristics of ONE battery – the ENVIROLINK™ valve-regulated lead-acid (VRLA) battery from HAWKER®.

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.

LIFEPLUS® TC3-W – High-Frequency, IONIC Smart Charger

LIFEPLUS® TC3-W is the latest generation of high-frequency, IONIC smart chargers from HAWKER®. These patented LIFEPLUS® chargers are the result of more than 25 years of high-frequency charging experience. The TC3-W features plug 'n play flexibility to adjust automatically to the needs of a broad range of batteries. HAWKER®'s LIFEPLUS® technology offers the highest conversion efficiency and highest power factor available in the industry. This means the TC3-W series reduces your battery recharge costs, reduces water consumption, and reduces battery maintenance and repair costs.

POWERTECH™ – High-Frequency Intellicharger™

HAWKER®'s complete line of POWERTECH™ high-frequency, IONIC smart chargers utilizes patented intelligent technology to save money on utilities, watering, and battery life. By assessing each battery's charging requirements, one POWERTECH™ charger can recharge a wide range of batteries (of the same voltage) without adjustment. This allows you to shift to high-energy batteries with no need for a new charger – your POWERTECH™ charger will adjust automatically.

LIFETECH™ – High-Frequency, Smart Charger

Designed to specifically meet the needs of a cost-effective and efficient high-frequency, IONIC smart charger, the LIFETECH™ charger series delivers the greatest efficiency and highest power factor available in a small, compact footprint.

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



With more than 85 years of motive power experience and innovation, **HAWKER®** offers a complete line of battery and charger motive power solutions. **HAWKER®** power solutions are designed to reduce environmental impact, lower operational costs, increase productivity, and improve customer operations.

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