

Maybury offers a full selection of batteries and the equipment needed to handle them. We can provide a product to meet all of your battery power and handling needs.

Express Batteries

EnerSys is the only industrial battery company that manufactures a battery specifically designed for fast charging. The Express fast charge battery has the highest charge acceptance in the industry, allowing more amps to be pushed back into the battery faster, while managing the heat created so the battery is not damaged.

The Ironclad[®] square tube technology behind the Express battery provides the most capacity available in the standard battery dimensions — allowing the vehicle to run longer and harder between changes.

The Express battery comes fully equipped with watering systems, dual cables and connectors designed for ease of connection to Express fast chargers.

- Ironclad square tube technology delivers the most capacity in standard battery dimensions, allowing the vehicle to run longer, harder, and faster between charges
- Higher capacity means lower battery stress resulting in lower operating battery temperatures
- Thicker intercell connectors with copper inserts mean better conductivity and lower heat generation
- Thermally designed intercells and terminal covers are specially designed to manage heat build-up on top of the battery
- 1" diameter posts with copper inserts provide 78% more area than standard posts for better conductivity and lower heat generation
- Dual 4/0 cables carry higher current for increased charge acceptance and reduced heat
- Factory installed watering system assists in proper maintenance and eliminates pulling of batteries



Express[®]
Fast Charge Solutions That WORK!

Express Fast Chargers



The Express insulated gate bipolar transistor (IGBT) fast chargers are designed and manufactured by Aker Wade for heavy-duty electric vehicle fleet applications. The systems can charge 12 to 80 volt industrial lead acid batteries at currents of up to 500 amps, bringing a battery from 30% to 80% state of charge in approximately 1.5 hours, depending on battery size.

Express fast charging saves you money by eliminating the need for truck battery changes so that multi-shift operations are able to run on one battery. This translates to higher labor productivity, energy savings, and more manufacturing floor space for a quick ROI.

FAST Reports Exception Reporting Software accesses data stored on any Express Charger with a wireless Pocket PC. FAST Reports highlight battery and charger data that falls out of user-defined specifications to help keep your entire system running efficiently and effectively.

EnerSys offers the broadest line of power solutions for material handling equipment and delivers the right products and services to match your applications' demands.

Ironclad® Batteries

At the heart of every EnerSys Ironclad battery is our exclusive technology, called the Ironclad Effect. When compared to conventional flat plate or round tube batteries, the Ironclad "square tube" positive plate design provides greater surface area for holding active material and exposing it to electrolyte. The result is a chemical reaction that provides more power over longer periods of time and higher voltages under load. This unique construction delivers the power you need to maximize production on every shift...every day.

The **DesertHog** is the most "maintenance free" flooded battery in the industry. It features a unique cell design that holds up to 4 more inches of water than standard batteries of the same cell size. This extends watering intervals from once every week to about once every few months, depending on the size of the battery. The result is a more efficient operation with lower maintenance costs.



The **SuperHog** is the top-of-the-line powerhouse. For the longest runs, highest lifts, and most demanding industrial and warehousing applications, turn to the super performance, long life, and easy maintenance of the supercharged SuperHog...setting the pace since 1987.

Loadhogs are a proven line of high-performance batteries packed with brute strength and real staying power. The Loadhog was the first battery to pack 100 amp-hours of capacity into a standard size 85-AH battery compartment. The Loadhog E140 (140 amp-hours) excels in high-reach or rider-type lift trucks, while the 19" E75L (75 amp-hours) low-profile Loadhog keeps your low-profile lift trucks running strong for a full eight-hour shift.



Ironclad **WorkHogs** are available in sizes to fit vehicles from small personnel carriers up to the largest 100,000 lb. lift truck. The latest generation of WorkHogs, rated at 85- and 125-AH, are the most powerful standard rated batteries on earth. Using unique Ironclad square tubular positive plate design, they produce more power than previous comparably rated models. They run 10% to 20% longer than conventional "standard" flat pasted plate batteries.

The **SmartHog** line offers the industry's first 23" and 31" high, fully sealed, valve regulated lead-acid batteries. Clean, safe, and efficient, SmartHog Batteries eliminate the need to remove vent caps, add water, or take hydrometer readings. At the end of the work day, simply connect the battery to your charger. SmartHog is the perfect no-hassle, no-spill, no-watering battery for every electric-powered vehicle.



Smartpacks are sealed, VRLA batteries with onboard chargers that can be plugged into any 15A, 120V AC line. The fully automatic, integral battery charger is matched to the battery to maintain peak performance with plug-in convenience. No supplementary equipment, charger installation or water filling is needed. Available in ratings up to 600 A.H.



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EnForcer Chargers

EnerSys is putting a new charge into customers' productivity with the renaming of their entire line of motive power chargers: EnForcer Chargers.

EnForcer High Frequency

At the top of the EnForcer line is the High Frequency (HF) charger. The EnForcer HF delivers a minimum of 95 percent power factor and a high efficiency rating of over 90 percent to save power and money. Because EnForcer HF chargers can automatically deliver and adjust charge rates based on the constant diagnosis of the battery, the EnForcer HF charger can manage the battery's heat and overcharge. This means longer battery life and less battery maintenance requirements.

EnForcer SCR

The EnerSys EnForcer charger line also encompasses traditional charger technologies like the SCR, ferroresonant and a SCR/ferroresonant combination chargers. Well suited for light to heavy applications, the EnForcer SCR charger offers precise control of output current in order to deliver a complete charge. The SCR control also allows the user to select the time and day of the week for equalization charges required to optimize battery life, making the EnForcer SCR charger truly automatic. The EnForcer SCR can be used in an opportunity charging mode, which can reduce or even eliminate battery changes in multi-shift operations.

EnForcer FERRO

The EnForcer FERRO charger is a fully automatic, ferroresonant charger known for consistent performance. The EnForcer FERRO provides maximum battery protection through voltage mismatch protection, manual low-voltage over-ride, overload protection, and reverse polarity protection. This charger is fully automatic and will provide the required weekly equalization charge without user intervention.

EnForcer HYBRID

EnForcer HYBRID chargers offer a unique combination of the SCR charger technology with the efficiency of ferroresonant chargers which ensures a complete recharge under virtually all operating conditions. These chargers are designed for complete recharges of both standard and high-gravity batteries in both hot and cold environments for greater battery performance, longer battery life and higher productivity.



General Battery

General Battery is a quality, flooded battery. Cold storage, high racks, sprawling manufacturing sites, and distribution facilities all demand battery power that performs, and the General series delivers.

We promote the highest quality standards to provide you with the best product, at the best value. Each General Series Battery has numerous built in features, to ensure outstanding performance.

Our High Utilization Positive (HUP) batteries feature a design that's so unique, it's patented. Our engineers teamed up with DuPont chemists to design a flooded battery that is so dependable, it is backed by the longest standard warranty in the business (5 year full warranty + 2 years pro-rated). It ensures you receive more runs per shift, a higher capacity for sustained performance during each shift, and less maintenance downtime.

HUP offers a battery plate that virtually eliminates flaking and shedding of positive plate materials – the chief reason for battery failure. We added tetrafluorethylene, or Teflon[®] (Dupont registered trademark for PTFE resins.), to the lead paste used in active material of the positive plate. The Teflon forms fibers, and these fibers create a complex matrix that traps and binds the active material together. The material is then locked into place during a controlled curing process. The result – shedding and flaking are virtually eliminated, the lead paste remains cohesive, and contact with the positive grid remains in place longer than in standard batteries.

The Renegade is a superior gelled battery that's virtually maintenance free. Unlike flooded batteries, the Renegade never needs water and the gel won't run, creep or spill.

The vertical design of the Renegade optimizes space, allowing the largest battery to fit in standard truck battery footprints. This provides for greater power, proper counter-weight, increased stability, and even efficient heat dispersion.

A unique pressure valve maintains proper, constant, internal pressure for oxygen recombination, extending battery life, and virtually eliminating odors and environmental concerns.

