

# INDUSTRIAL BATTERIES



**TOTALIFT**  
**POWER**

# TOTALIFT® POWER INDUSTRIAL BATTERIES

TOTALIFT® POWER offers a full line of lead acid batteries, for all makes and models of industrial lift trucks and other types of battery powered industrial equipment. We can custom design your battery per your requirements and specifications. As with all we offer only the best all the time.

- TOTALIFT® POWER offers one of the heaviest batteries in the industrial market place.
- TOTALIFT® POWER uses thirteen vertical wires for better charge/recharge and deep cycling capabilities.
- TOTALIFT® POWER utilizes total positive plate protection, the most insulated industrial batteries available on the market.
- TOTALIFT® POWER also uses sleeve style separators that eliminate missing or misaligned separators.
- TOTALIFT® POWER consists of 6 network warehouse locations and over 100 industrial service centers.

## Product Features and Benefits Include:

- Does not require a special charger. A full line of TOTALIFT® chargers are available.
- Offered with a 5-year warranty when used with a conventional charger.
- Offered with a 3-year warranty when used with an opportunity charger.
- The 5 wrap protection to positive plate adds life to battery.
- Optional on-site watering programs available.
- Thick energy dense plates combined with heavy strap and inter-cell connectors results in long life, and a cooler running battery.
- We utilize the most balanced active material available in any comparable size battery.
- TOTALIFT® POWER Industrial Batteries are manufactured to exact standards to deliver the longest running times and battery life.
- Quality product as well as meeting the requirements of ISO 9001:2000.
- Prompt and effective service support from our wide network.
- Creativity in finding cost savings.
- 6 Factory Locations:
- 100 Service Centers

## Positive Plate Protection includes:

**Cell Strap:** Burned extra thick to provide increased conductivity and a permanent connection between the post and plates.

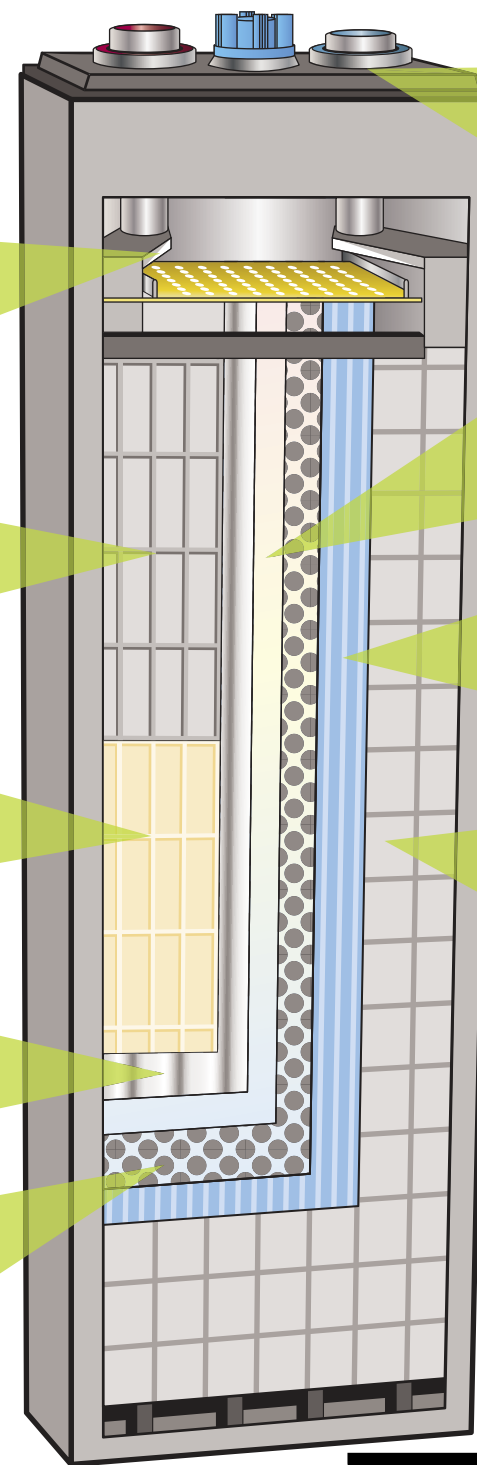
**Positive Grid:** Thirteen vertical wires are cast from premium antimonial alloy and designed to withstand the rigors of deep cycling and maximum current capabilities. Offset internal wires are designed for less internal resistance and maximum active material retention.

**Active Material:** Manufactured with premium lead oxide to exact specifications using the latest state-of-the-art equipment, applied uniformly and cured under atmospherically computer controlled conditions to assure optimum chemical conversion.

**Vertical Silyer-clad Mat:** Wrapped vertically around the positive plate, the fiberglass strands become embedded into the plate surface for active material retention, reducing shedding and prolonging service life.

**Koroseal Retainer Mat:** Perforated envelope that is tightly wrapped around the two glass mats to form a binder while insulating against mousing and shorting.

It's power...  
**“TOTALIFT® POWER”!**



# There is a Difference

**Floating Seal:** Double O-ring seals allows for positive plate growth without leakage and eliminates cell cover distortion.

**Horizontal Glass Mat:** Wrapped horizontally across the positive plate side to side, it supplies a secondary layer of active material retention, and breaks up oxygen gas bubbles produced at the surface of the positive plate.

**Sleeve Separator:** A high porosity, sleeved separator insulated the plates from one another and eliminates missing or misaligned separators. This greatly reduces shorts caused by mousing. Acid circulation is also improved.

**Negative Plate:** Manufactured to specifications that uniformly balance the negative to positive active material for maximum performance and chemical efficiency.

**TOTALIFT® POWER Batteries** utilize the most active materials available in any comparable size battery.

- Construction:**
- Grids (cast lead)
  - Pasting (lead paste)
  - Curing (free lead conversion & drying)
  - Wrapping (positive plate wraps)
  - Positive Sleeved

**Negative Plate Difference**  
**CLARK** design delivers the highest BET surface area available to improve capacity and allow better electrolyte diffusion to active material.

**Positive Plate Difference**  
**TBLS** gives a plate structure that is more resistant to breakdown. This results in longer battery life and more uniform consistency.

## Proven & Tested Technology That Works:

- What this means to you:**
- more powerful and longer life
  - Less lead exposed to acid
  - Holds active material the longest
  - Reduced internal resistance

- Recommended when a standard opportunity charger is used:**
- Single point watering systems
  - Low Water Indicators

TOTALIFT® POWER offers a full line of standard lead acid industrial batteries, for all makes and models of industrial lift trucks and other types of battery powered industrial equipment. Certified sales and service centers are ready to respond quickly to your requirements for both batteries and chargers.

# TOTALIFT® POWER

CLARK OEM & TOTALIFT® PARTS

# AFTERMARKETPARTS DELIVERED AT AFTERBURNERSPEEDS

CLARK utilizes our years of experience, outstanding delivery, and competitive pricing to make the maintenance of your forklift as cost-effective and easy as possible. Whether you are a user or owner of Toyota, Hyster, Nissan, or any other brand, TOTALIFT® is the best answer for all of your forklift needs.

## ONTIME EVERYTIME

Our North American Parts Distribution Center, located in Louisville, Kentucky is a **state of the art 166,000 square foot facility** containing nearly **70,000 items with over 600,000 product applications**. We take orders as late as **8:00 p.m. Eastern Time** for next day delivery to our dealers or directly to your location. CLARK OEM Parts keeps your investment... **"Built to Last®."**

## STATE-OF-THE ART PARTS LOOKUP

CLARK PartsPRO® has long been considered **the best parts and service lookup system in the industry**. We have created a version just for those customers who do their own maintenance and order parts for their lift trucks. This system is a **fully functional**, electronic manual designed specifically for the customer's purchased units.

DependableParts = **TOTALIFT<sup>®</sup>**



**CLARK MATERIAL HANDLING COMPANY**  
North American Headquarters  
700 Enterprise Drive • Lexington, KY 40510  
866-252-5275 • [www.clarkmhc.com](http://www.clarkmhc.com)

**Industrial Batteries Feature Brochure**

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**Valley Industrial Trucks, Inc.**  
1152 Meadowbrook Ave.  
Youngstown, OH 44512  
(800) 59-CLARK (592-5275)

[www.valleyindustrialtrucks.com](http://www.valleyindustrialtrucks.com)  
Sales, Leasing, Parts,  
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Forklifts Since 1956

**Valley Industrial Trucks, Inc.**  
1620 East Market St.  
Akron, OH 44305  
(800) 63-CLARK (632-5275)