



POWER FOR TOMORROW TODAY

Eternity Technologies South Africa is a well-established manufacturer, supplier and distributor of Lead Acid-Flooded, Gel, Absorbed Glass-Mat (AGM) and Lithium-Ion batteries as well as all related products and services.

PRODUCTS & SERVICES

Eternity Technologies' plant has the latest state-of-the-art manufacturing equipment from Germany, Austria, Italy, USA and UK to deliver a world leading facility with the capability to manufacture around 1 million 2 volt cells - placing the new company at the forefront of the global motive power market.

Products and services on offer include:

- DIN (Standard) cells bolted 198mm
- BS (British Standard) cells bolted 158mm
- BMU Battery Monitoring Units
- BMS Battery Management Systems
- CLS Capacitive Battery Electrolyte Level Sensor
- CLS Product List
- Lithium Ion Battery Solutions
- AGM/Gel batteries
- Fronius Chargers
- Battery Bay Design and Management
- Battery Tanks
- Roller Stands
- Transfer Carts
- Gantry Cranes
- 24 Hour on-site battery maintenance
- Multi-stacking Power Chargers

MAINTENANCE

The primary objective of the Maintenance & Service Division is to ensure clients receive the best possible return on their battery investment, and maximum utilization of each charge cycle.

The key benefits of service contracts are:

- Eternity Technologies' batteries, chargers and ancillaries are maintained in a safe working condition.
- Minimum trouble-free operation delivering increased 'up-time' and productivity.
- Any application issues are highlighted and can be managed to increase product life.
- Minor repairs carried out at time of contractual service visit.
- Documented record of each contractual service visit.
- Agreed fixed costs for service contract period allowing easy budgeting.

Eternity Technologies strives to eliminate any battery bay concerns which customers may have, allowing them to concentrate on what they do best – running world class distribution centers!

BATTERIES & CHARGERS

Eternity Technologies South Africa offers a wide range of reliable and robust batteries for applications across various industries. Our range includes lead acid-flooded, Gel, Absorbed Glass-Mat (AGM) and Lithium-Ion batteries.



New RI - Charging Technology

The new Selectiva battery charging systems with Active Inverter Technology and Ri-charging process adapts itself to the requirements of the battery and only charges the battery with the current that it actually needs. Conventional battery charging technologies totally ignore the state of the battery. The new Ri-charging process determines the state of the battery by measuring the effective inner resistance. Therefore, the charging characteristic is adapted according to the age, temperature and state of charge of the battery.



Eternity Technologies can provide you with a one-stop battery bay construction service. With Eternity Technologies you can rest assured that the entire battery bay construction will be taken care of professionally and safely. Our battery bay construction services include, but are not limited to:

- ÿ Flooring
- ÿ Ventilation
- ÿ Racking
- ÿ Electrical Installations – Buzz Bar or Cable
- ÿ Automated and Manual change over systems
- ÿ Manufacture and erection of cranes and lifting equipment



BATTERY BAY CONSTRUCTION

BATTERY MANAGEMENT EQUIPMENT

iBOS® - The Most Cost Effective Charger Management System

The iBOS® system with Real-Time Monitor™ is the most cost effective charger management system.

iBOS Benefits

- ÿ Promotes longer battery run time and life through uniform usage.
- ÿ Improves operator productivity.
- ÿ Identifies faulty equipment.
- ÿ Helps managers decide if there are too many or too few batteries in the pool.



eGO! Battery Monitor.

The cost-effective way to maximise battery life. The eGO! Battery Monitor measures individual battery performance, helping prevent costly battery damage.



CHARGER STANDS & RACKS

Eternity Technologies is able to offer you the full range of charger stands and racking solutions to meet your every requirement and ensure that you receive full utilization from your available space.

Our product range includes:

- ÿ Roller stands
- ÿ Charger stands for High Frequency and Conventional Thyristor Controlled units.
- ÿ Charging racks (Single level to multi-level stacking racks)
- ÿ Buzz Bars
- ÿ Battery and charger protection barriers



ON SITE BATTERY MANAGEMENT EQUIPMENT

Offering both manual battery changing systems or state-of-the-art automated systems incorporating the latest international technology, Eternity Technologies will have the solution.

- ÿ Gantry Cranes
 - ÿ Spreader Bars
 - ÿ Transfer carts
 - ÿ Powered battery pullers
 - ÿ Multi-Level Automated Battery Stackers with either Magnetic or Vacuum Extraction.
- All products are manufactured to the highest possible standards and safety requirements. We also provide certified safe working load certificates with all our lifting equipment.



HEALTH & SAFETY

At Eternity Technologies we believe there is nothing more important than the safety of our staff and yours. Our experienced and qualified staff will assist you with a full range of Health and Safety equipment including:

- ÿ Spill Kits
- ÿ Storage Solutions
- ÿ Protective Clothing
- ÿ Cleaning Apparatus
- ÿ Safety Showers and Eye Rinse Stations
- ÿ Health and Safety Signage
- ÿ Emergency Safety Equipment



BATTERY BAY DESIGN

A designated battery bay is both a necessity and an operational advantage for any company. A professionally designed battery bay will:

- ÿ Increase safety of employees and prevent damage to machinery and batteries
- ÿ Maximise the utilization of your entire battery fleet and available space
- ÿ Increase the efficiency of battery changeovers.



OVERVIEW & HISTORY

Eternity Technologies is the most vibrant Motive Power Battery Company in the world.

It derives its heritage from over 100 years of developments in lead acid battery technology since the technology was introduced on an industrial scale in the 1880's.

The demanding motive power market requires constant innovation and excellence in all areas as the technology adapts to the ever changing requirements of the materials handling market. Eternity Technologies has positioned itself to meet these needs in a new and unique operation.

In 2013, Eternity Technologies entered into the South African market and quickly gained the trust and loyalty of many materials handling businesses. We have since branched out into other markets such as solar.

2017 was an exciting year for the business! Hudaco Industries Limited, a JSE listed company, bought Eternity Technologies. This acquisition has provided an amazing platform for the future growth and sustainability of the business.

May 2019 brought about another important milestone when Eternity Technologies opened a fully operational battery formation plant. This state-of-the-art production line is a first of its kind in the country. The Formation Plant, based at our Head Office in Benoni, Johannesburg consists of a series of stations which focuses on specific steps in the battery formation process.



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