

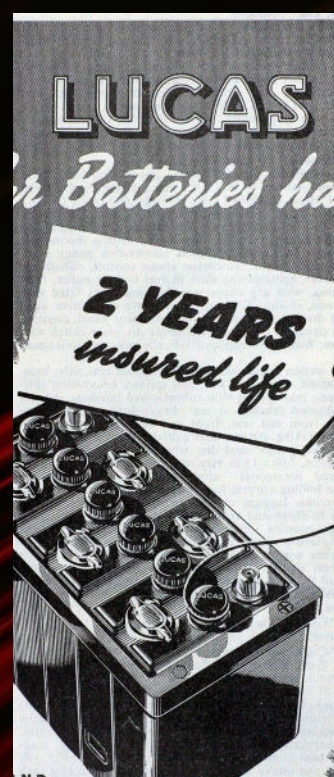
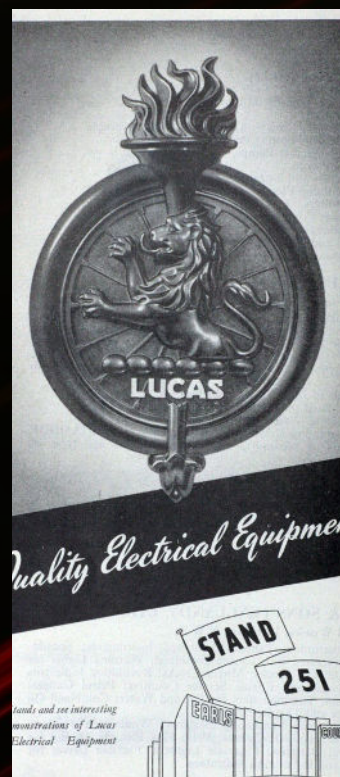
Lucas



BATTERY CATALOGUE MOTORCYCLES



LUCAS BATTERIES. OUR HERITAGE.



With a history spanning more than a century, Lucas has consolidated its position as a benchmark in the automotive and industrial world. The brand has not only grown over time, but has actively contributed to its own continued development.

The story began in 1834 with the birth of Joseph Lucas in Birmingham. His foray into the marketing of paraffin oil for household lamps in the 1860s was the prelude to much greater success in the field of transport. In 1875, Lucas opened a modest workshop in Little King Street, Birmingham, UK, employing just 5 people. However, this marked the beginning of a steady expansion. In the early 20th century, Lucas expanded its product offering by introducing its batteries to the market.

Browsing through these pages, you will discover examples of the first promotional brochures that led the way. This catalogue introduces you to the most cutting-edge types and applications we offer today. Lucas stands for durability, reliability and innovation. Join us on this exciting journey into an energy-powered future. In the Lucas catalogue, you will find the perfect solution for your needs.

LUCAS MOTORCYCLE	4-5
LAYOUT CONFIGURATION	7
COSHH INFORMATION	8
ENVIROMENTAL INFORMATION	9

The most demanding motorcycle batteries

LUCAS provide high-performance batteries for all types of motorcycles. Our batteries are designed to cover and respond to the highest demands for the market. The most advanced components and materials are used in the manufacture of batteries, with the LUCAS brand recognized for its reliability and durability. LUCAS Batteries are the best choices for motorcycle batteries.



Lucas AGM

AGM batteries offer high reliability and long life. It withstands extreme environments and especially freezing temperatures. The battery requires no maintenance other than initial filling to activate the battery.

The AGM battery range incorporates proven AGM technology and is suitable for most applications, including medium and large displacement motorbikes. It is maintenance free and has a long service life.



Lucas GEL

GEL is the first choice for any high-end motorbike or scooter. It is the technology that best responds to high power needs such as GPS, radio, heated grips, additional lighting, etc.

Minimal self-discharge allows for seasonal use or long periods of storage. Gel technology is the most advanced technology for motorbike batteries.

This range of batteries is ready to install and requires no initial filling or maintenance.

Lucas iGEL

Lucas iGEL is built with a chip that monitors the battery status in real time and reminds users when to perform maintenance which prolongs the life of the battery.



Lucas CONVENTIONAL

CONVENTIONAL range batteries are designed for vehicles with more basic energy requirements and exposed to typical conditions of daily use. It is also highly recommended for machinery for green areas, among others.

The advantages are: Electrolyte pack included, no refilling required before initial fill and wide range for all types of sports vehicles and miscellaneous machinery (includes 6 V).

Lucas DRY CHARGE MF

Dry charge batteries are supplied without electrolyte, which can be added at a later date. They have a low self-discharge rate, do not leak and require no maintenance of any kind, with a service life of between three and five years.

Lucas FLOODED

Batteries in this range are flooded with electrolyte, offering high resistance against overcharging and discharging. The rest of their characteristics are similar to dry batteries, and their lifetime is three to five years as well.



Lucas LITHIUM

Its new range of Lithium-Ion batteries for motorcycles and sports vehicles, allowing a more pleasant and satisfying driving experience that will not go unnoticed by driving lovers. Its ultralight design reduces the weight of the motorcycle, allowing faster acceleration and greater performance with less consumption.

It has minimal self discharge, making it perfect for starting the engine after a long period off the road. The LUCAS Lithium-Ion battery can be installed in multiple positions and has top-level performance and safety.



Motorcycle Range

A RANGE TO SUIT ALL APPLICATIONS



Layout

Type	Front	Terminal Side	Top
C1			
C2			
C3			
C4			
C5			
C6			
C7			
C8			
C9			
C10			
C11			
C12			
W			
Z1			
Z2			
B10			

Instructions



Free maintenance



Side mounting



Hermetic Sealing



Ready for Use



Acid Included

Type	Front	Terminal Side	Top
G1			
G2			
G3			
G4			
G5			
G6			
G7			
G8			
G9			
G10			
G11			
G12			
G13			

Categories



High cylinder Motorbike



Low cylinder Motorbike



Low cylinder Quad



Water Jet Ski



Snow Jet Ski

COSHH Information

Hazards Identification

No hazards occur during the normal operation of a lead acid battery as it is described in the instructions for use that are provided with the battery. Lead-acid batteries have three significant characteristics:

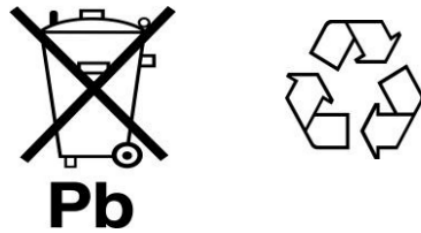
- They contain an electrolyte which contains dilute sulphuric acid. Sulphuric acid may cause severe chemical burns.
- During the charging process or during operation they might develop hydrogen gas and oxygen, which under certain circumstances may result in an explosive mixture.
- They can contain a considerable amount of energy, which may be a source of high electrical current and a severe electrical shock in the event of a short circuit.

Handling and Storage

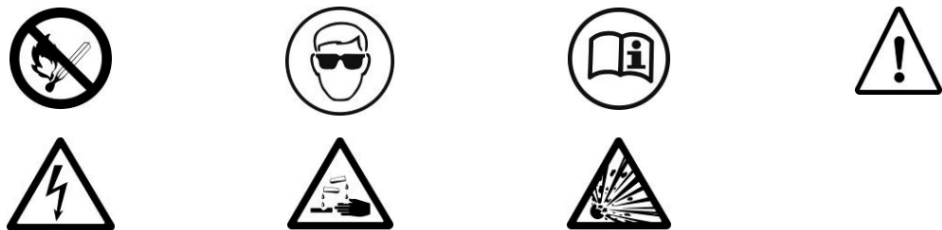
Store under roof in cool ambiance - charged lead-acid batteries do not freeze up to -50°C; prevent short circuits. Seek agreement with local water authorities in case of larger quantities of batteries to be stored. If batteries have to be stored, it is imperative that the instructions for use are observed.

Regulatory Information

In accordance with the EU Battery Directive and the respective national legislation, lead-acid batteries have to be marked by a crossed out dust bin with the chemical symbol for lead shown below, together with the ISO return/recycling symbol.



In addition, the batteries have to be labelled with some or all of the following hazard symbols:



Labelling might vary due to the application, design, dimension and country of sale of the batteries. The manufacturer, respectively the importer of the batteries shall be responsible for placing the symbols (a minimum size is specified).

Environmental Information

Battery recycling can be defined as the process to recycle batteries instead of disposing them into the garbage after just a single use.

The aim is to reduce the overall number of battery trash that is produced every year on a global scale since battery garbage can lead to various forms of contamination, including water and soil pollution.

In response to the 'Hazardous Waste Regulations' appertaining to the disposal of lead acid batteries, all the battery wholesaler are now obliged to provide a collection service for scrap lead acid batteries.

There are huge differences around the world regarding the efforts and efficiency of battery recycling. Please take care about your local regulations concerning batteries waste management.

Battery recycling is important in order to:

- Reduction of soil pollution
- Mitigation of water pollution
- Groundwater protection
- Fight natural resource depletion
- Suitable treatment of toxic chemicals
- Reduction in overall waste production
- Fight global warming
- Reduction in environmental dumping



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