

**Lucas**

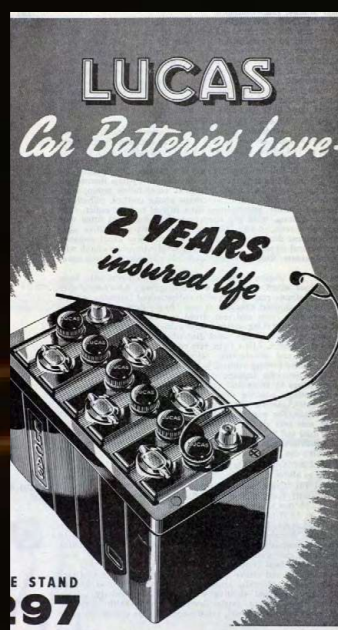
# BATTERY CATALOGUE 2022

## NORTH AMERICA



**OUR RANGE GOES FURTHER.**

## LUCAS BATTERIES. OUR HERITAGE.



Lucas is a big brand that's been growing its business for 140 years. It doesn't rest on its heritage - it builds on it. And it's still growing.

That's why it's the longest continuously trading auto part brand in the world. Joseph Lucas, born in Birmingham in 1834, began dealing paraffin oil for domestic lamps in the 1860s and soon saw potential to expand into the transport market. In 1875 he opened a small workshop on Little King Street, Birmingham, U.K. with 5 employees. By the early 1900s Lucas were expanding their product range and introduced their batteries to the market.

On this page, you can see some of the early promotional literature. Lucas batteries have moved with the times, of course. In this catalogue, you'll find the latest types and applications that we offer.

### LUCAS AUTOMOTIVE ORIGIN EU 7-8

**Lucas Premium**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF  
 Lucas AGM Start & Stop (DIN)  
 Lucas EFB Start & Stop (DIN & JIS)

**Lucas Standard**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF

### LUCAS AUTOMOTIVE ORIGIN KOREA 9-12

**Lucas Premium**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Passenger Vehicles (BCI)  
 Heavy Duty/SMF  
 Super Heavy Duty/MF  
 Lucas AGM Start & Stop (DIN)  
 Lucas EFB Start & Stop (DIN & JIS)

**Lucas Standard**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)

### LUCAS AUTOMOTIVE ORIGIN TURKEY/TÜRKIYE 13-14

**Lucas Premium**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS & BCI)  
 Lucas EFB Start & Stop (DIN)  
 Heavy Duty/SMF  
 Super Heavy Duty/MF

**Lucas Standard**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF  
 Super Heavy Duty/MF

### LUCAS AUTOMOTIVE ORIGIN COLOMBIA 16-17

**Lucas Standard**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS & BCI)  
 Heavy Duty/SMF  
 Lucas EFB Start & Stop

### LUCAS AUTOMOTIVE ORIGIN MOROCCO 18-19

**Lucas Premium**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF  
 Super Heavy Duty/MF

**Lucas Standard**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF

### LUCAS AUTOMOTIVE ORIGIN CHINA 20-21

**Lucas Premium**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF  
 Lucas AGM Start & Stop (DIN)  
 Lucas EFB Start & Stop (DIN & JIS)

**Lucas Standard**  
 Passenger Vehicles (DIN)  
 Passenger Vehicles (JIS)  
 Heavy Duty/SMF

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## Lucas STANDARD

Designed for most popular car and truck models that require standard on-board energy, the Lucas Standard Range provides high cranking power with reliable maintenance free lead acid calcium plates. The range is made with the latest technology and with long life of high priority. It consists of 64 different models that cover 100% of European and Asian vehicles.



## Lucas AGM Start & Stop

Our range solves the problem caused by the overuse of the starter motor in vehicles fitted with Start & Stop technology. Lucas AGM Start & Stop batteries have an average of three times the energy and service life of a conventional battery. This makes them the perfect solution for vehicles where, in addition to the power needed for driving operations, the battery can also cope with the challenges of intensive conditions – cold winters, hot summers or to power accessories and ancillary equipment.



## Lucas PREMIUM

The range of Lucas Premium batteries is designed for vehicles with maximum on-board power demand and a conventionally engine starting procedure. The range will provide remarkable performance over a long period and consists of sealed, maintenance free lead calcium alloy batteries. There are a lot of types available that will suit practically any need for European and Asian vehicles.



## Lucas EFB Start & Stop

Start & Stop systems are usually equipped with an EFB – Enhanced Flooded Battery – as the vehicle technology needs higher than normal energy requirements. Our range of EFBs provide this additional power as well as a much longer life than a conventional starting battery. Simply, the Lucas EFB is the right choice, every time.





Passenger Vehicles (BCI) (cont.)

Table with columns: DIN Group, BCI Group, JIS Group, Lucas reference, Definition, V, C20 (Ah), CCA EN(A), CCA SAE(A), RC (min), L (mm), W (mm), H (mm), Layout, Terminal, Hold Down, Weight (kg), Pcs Pallet. Contains detailed specifications for various Lucas battery models.

Passenger Vehicles (BCI) (cont.)

Table with columns: DIN Group, BCI Group, JIS Group, Lucas reference, Definition, V, C20 (Ah), CCA EN(A), CCA SAE(A), RC (min), L (mm), W (mm), H (mm), Layout, Terminal, Hold Down, Weight (kg), Pcs Pallet. Contains detailed specifications for various Lucas battery models.

Heavy Duty / SMF

Table with columns: DIN Group, BCI Group, JIS Group, Lucas reference, Definition, V, C20 (Ah), CCA EN(A), CCA SAE(A), RC (min), L (mm), W (mm), H (mm), Layout, Terminal, Hold Down, Weight (kg), Pcs Pallet. Contains detailed specifications for various Lucas battery models.

Super Heavy Duty / SMF (DIN)

Table with columns: DIN Group, BCI Group, JIS Group, Lucas reference, Definition, V, C20 (Ah), CCA EN(A), CCA SAE(A), RC (min), L (mm), W (mm), H (mm), Layout, Terminal, Hold Down, Weight (kg), Pcs Pallet. Contains detailed specifications for various Lucas battery models.

Start & Stop AGM (DIN)

Table with columns: DIN Group, BCI Group, JIS Group, Lucas reference, Definition, V, C20 (Ah), CCA EN(A), CCA SAE(A), RC (min), L (mm), W (mm), H (mm), Layout, Terminal, Hold Down, Weight (kg), Pcs Pallet. Contains detailed specifications for various Lucas battery models.

Start & Stop EFB (DIN & JIS)

Table with columns: DIN Group, BCI Group, JIS Group, Lucas reference, Definition, V, C20 (Ah), CCA EN(A), CCA SAE(A), RC (min), L (mm), W (mm), H (mm), Layout, Terminal, Hold Down, Weight (kg), Pcs Pallet. Contains detailed specifications for various Lucas battery models.













## 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:

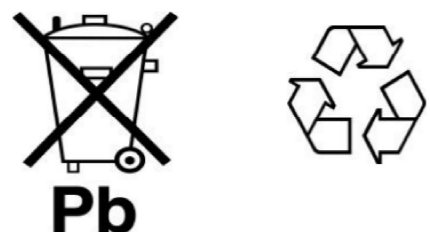
- They contain an electrolyte which contains dilute sulphuric acid. Sulphuric acid may cause severe chemical burns.
- During the charging process or during operation they might develop hydrogen gas and oxygen, which under certain circumstances may result in an explosive mixture.
- They can contain a 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

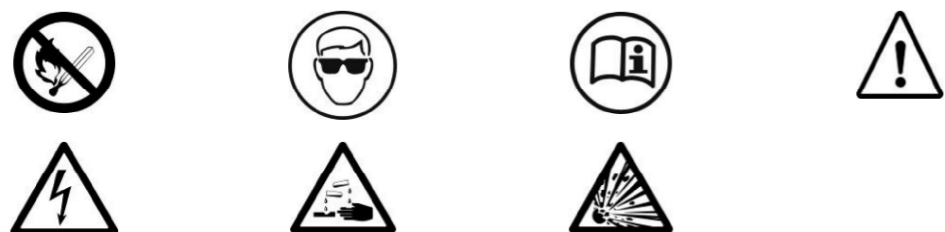
Store under roof in cool ambience - charged lead-acid batteries do not freeze up to -50°C; prevent short circuits. Seek agreement with local water authorities in case of larger quantities of batteries to be stored. If batteries have to be stored, it is imperative that the instructions for use are observed.

### 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.

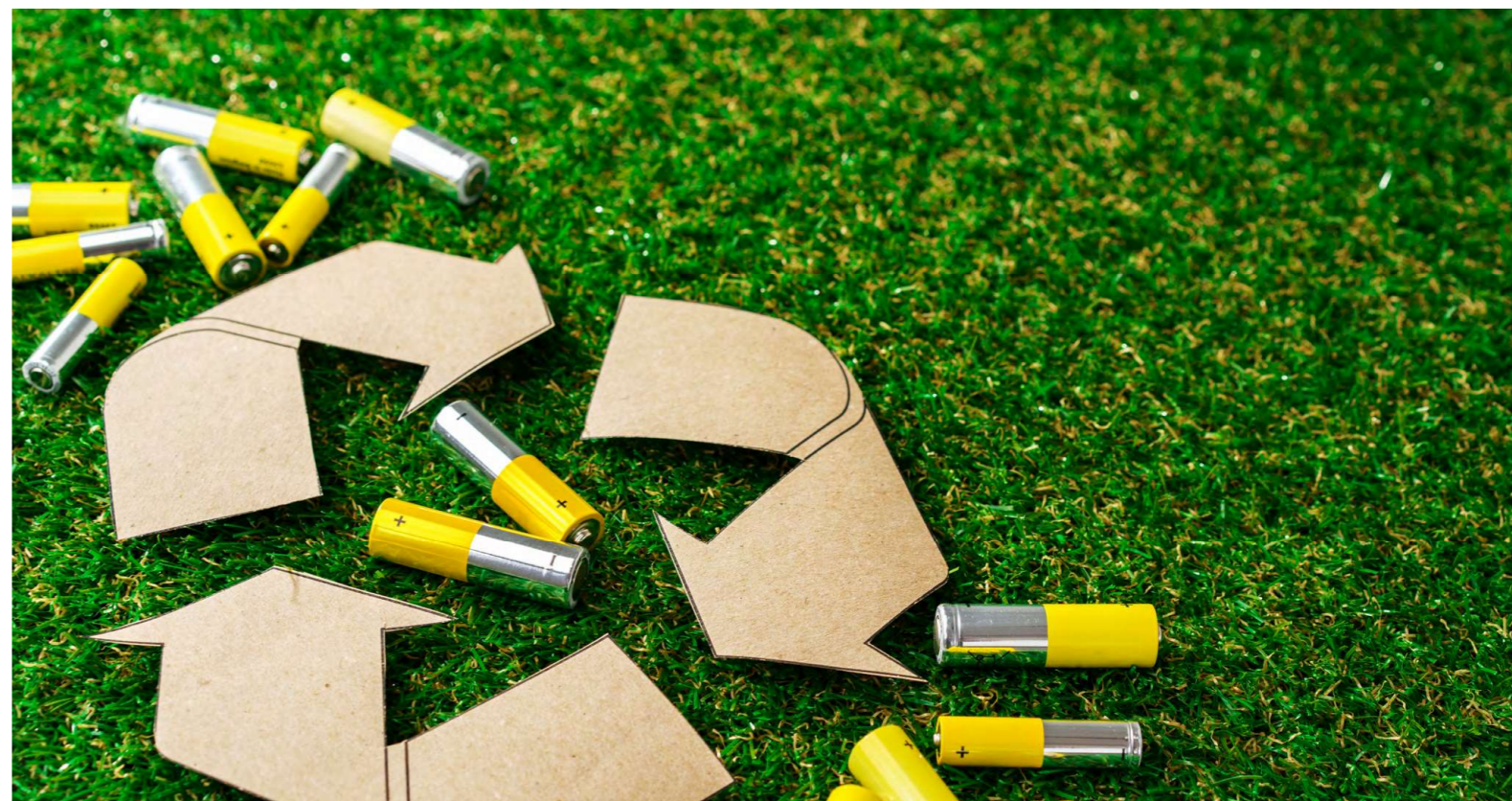
The aim is to reduce the overall number of battery trash that is produced every year on a global scale since battery garbage can lead to various forms of contamination, including water and soil pollution.

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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