



**Molinol Battery**

[www.molinol.de](http://www.molinol.de)



[molinol.de](http://molinol.de)





**Special Alloy**  
for high strength terminal

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**Special Alloy**  
for intercell connections

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**High Corrosion Resistant  
Positive Plate**  
with strengthened formula

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**Negative Plate**  
with PE envelope

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**Ca-Ca**  
Technology

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**Ergonomic battery**  
Handle Design

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**Terminal Cover Design**  
Compatible with the new  
battery

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**Charge Level Indicator**  
Integrated on lid

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**HIGH**  
CRANKING



**HIGH**  
PERFORMANCE



**SAFE**  
HANDLING



**VIBRATION**  
PERFORMANCE



**LID**  
TECHNOLOGY

High Cranking and  
Cycle Capacity

Special Internal Structure and  
High Performance

High Corrosion Resistance  
and Low Water Loss

High Cycle and Vibration  
Performance

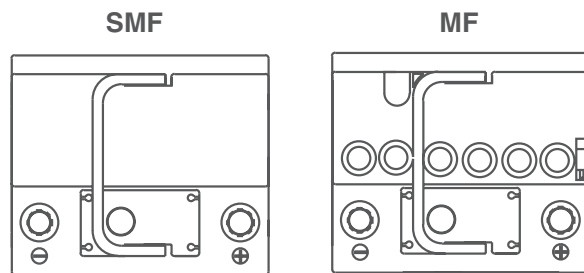
Maintenance Free SMF  
Technology



# EUROPEAN TYPE BATTERIES

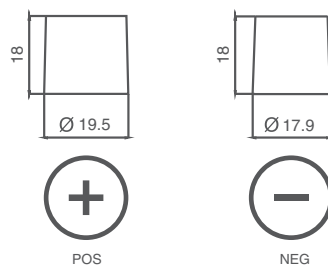


Lid  
Types



Terminal  
Types

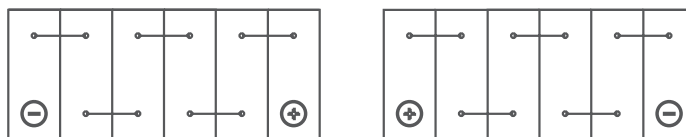
TERMINAL 1



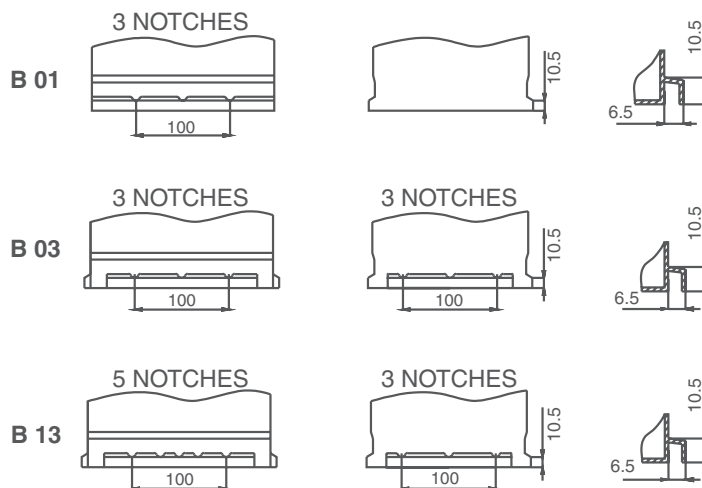
Layout  
Types

LAYOUT 0

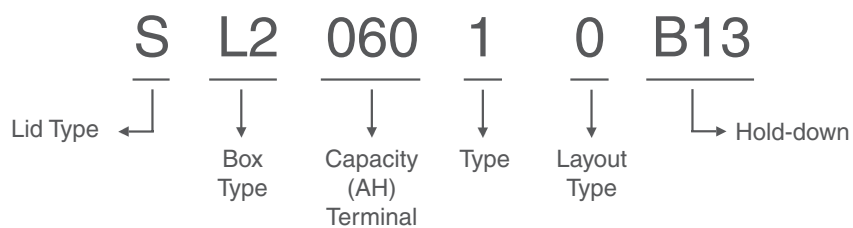
LAYOUT 1



Hold-Down  
Types



Product Code  
Description

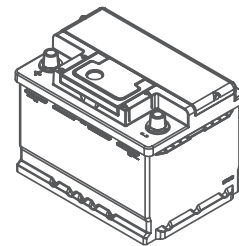
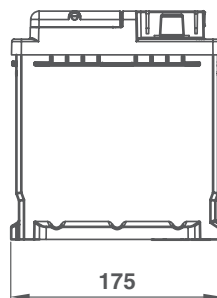
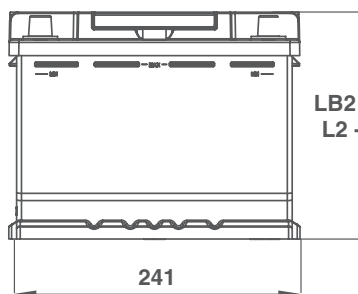
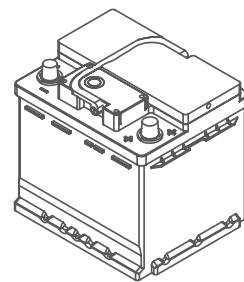
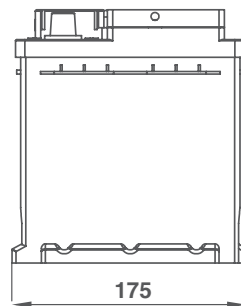
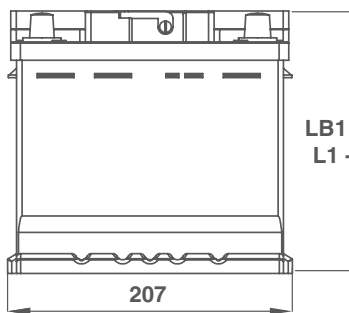




| BOX<br>TYPE | PRODUCT NUMBER |                 | CAPACITY<br>Ah/20h | CCA<br>EN | TERMI-<br>NAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|----------------|-----------------|--------------------|-----------|-----------------------|----------------|-----------|
|             | MF             | SMF             |                    |           |                       |                |           |
| LB1         | LB1 044 10B13  | S LB1 044 10B13 | <b>44</b>          | 360       | 1                     | 0/1            | B13       |
|             | LB1 045 10B13  | S LB1 045 10B13 | <b>45</b>          | 360       | 1                     | 0/1            | B13       |
|             | LB1 050 10B13  | S LB1 050 10B13 | <b>50</b>          | 420       | 1                     | 0/1            | B13       |
| L1          | L1 044 10B13   | S L1 044 10B13  | <b>44</b>          | 360       | 1                     | 0/1            | B13       |
|             | L1 045 10B13   | S L1 045 10B13  | <b>45</b>          | 360       | 1                     | 0/1            | B13       |
|             | L1 050 10B13   | S L1 050 10B13  | <b>50</b>          | 420       | 1                     | 0/1            | B13       |
| LB2         | LB2 050 10B13  | S LB2 050 10B13 | <b>50</b>          | 420       | 1                     | 0/1            | B13       |
|             | LB2 055 10B13  | S LB2 055 10B13 | <b>55</b>          | 460       | 1                     | 0/1            | B13       |
|             | LB2 060 10B13  | S LB2 060 10B13 | <b>60</b>          | 540       | 1                     | 0/1            | B13       |
|             | LB2 062 10B13  | S LB2 062 10B13 | <b>62</b>          | 550       | 1                     | 0/1            | B13       |
| L2          | L2 050 10B13   | S L2 050 10B13  | <b>50</b>          | 420       | 1                     | 0/1            | B13       |
|             | L2 055 10B13   | S L2 055 10B13  | <b>55</b>          | 460       | 1                     | 0/1            | B13       |
|             | L2 060 10B13   | S L2 060 10B13  | <b>60</b>          | 540       | 1                     | 0/1            | B13       |
|             | L2 062 10B13   | S L2 062 10B13  | <b>62</b>          | 550       | 1                     | 0/1            | B13       |

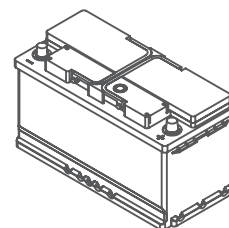
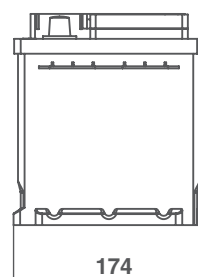
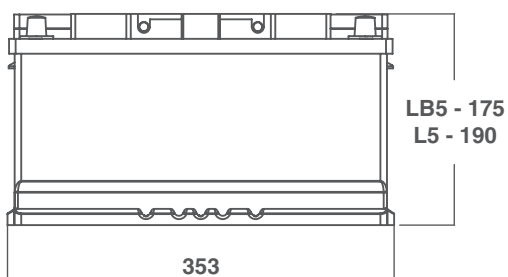
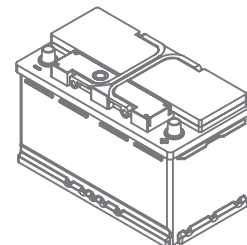
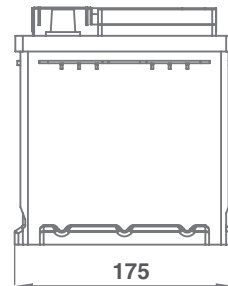
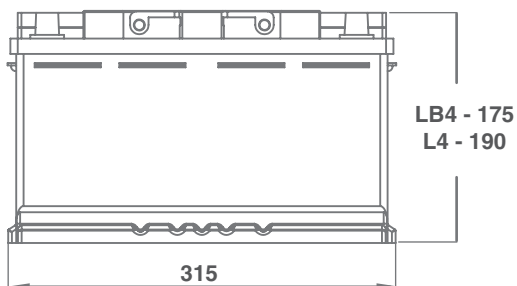
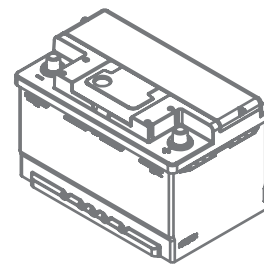
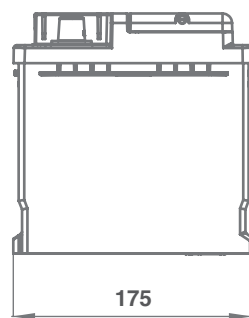
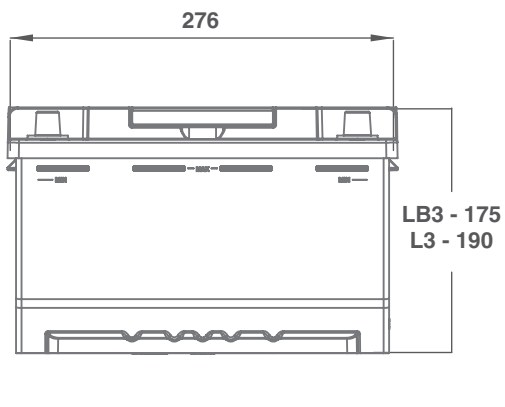


## AREAS OF USAGE





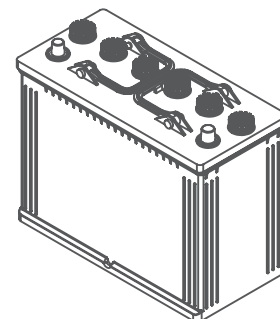
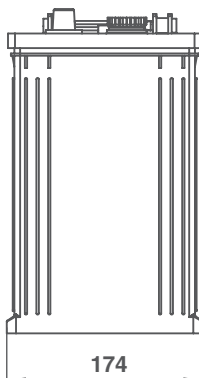
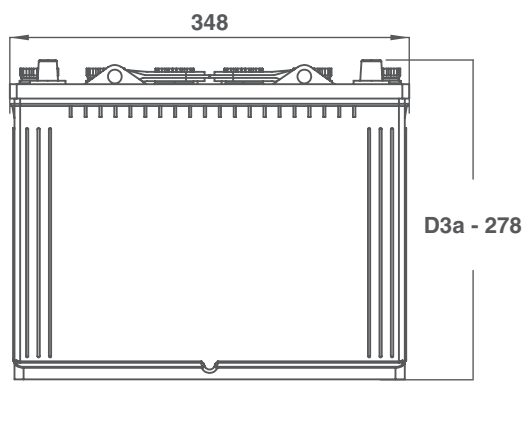
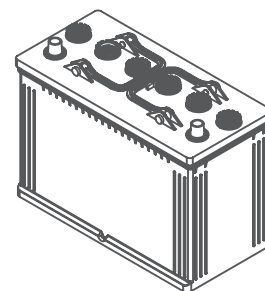
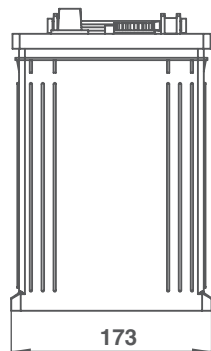
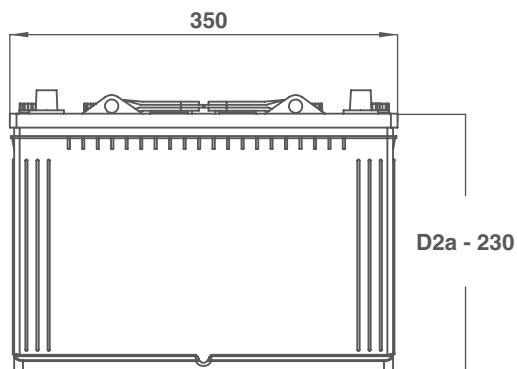
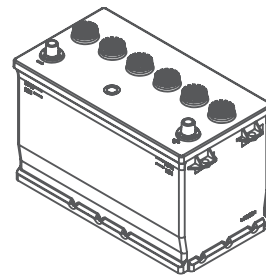
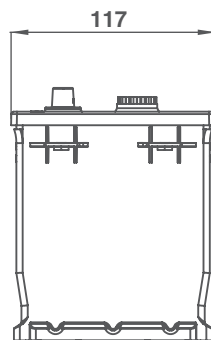
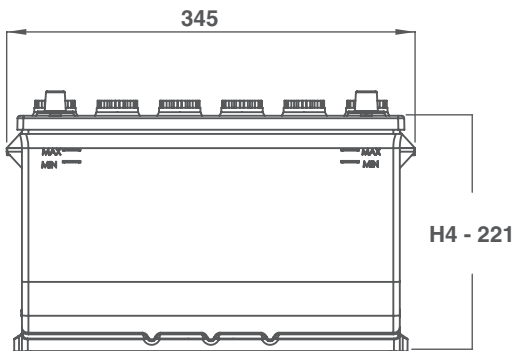
| BOX TYPE | PRODUCT NUMBER |                 | CAPACITY<br>Ah/20h | CCA<br>EN | TERMINAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|----------|----------------|-----------------|--------------------|-----------|------------------|----------------|-----------|
|          | MF             | SMF             |                    |           |                  |                |           |
| LB3      | LB3 066 10B13  | S LB3 066 10B13 | 66                 | 590       | 1                | 0/1            | B13       |
|          | LB3 072 10B13  | S LB3 072 10B13 | 72                 | 640       | 1                | 0/1            | B13       |
|          | LB3 074 10B13  | S LB3 074 10B13 | 74                 | 650       | 1                | 0/1            | B13       |
|          | LB3 075 10B13  | S LB3 075 10B13 | 75                 | 650       | 1                | 0/1            | B13       |
| L3       | L3 066 10B01   | S L3 066 10B01  | 66                 | 590       | 1                | 0/1            | B01       |
|          | L3 072 10B01   | S L3 072 10B01  | 72                 | 640       | 1                | 0/1            | B01       |
|          | L3 074 10B01   | S L3 074 10B01  | 74                 | 650       | 1                | 0/1            | B01       |
|          | L3 075 10B01   | S L3 075 10B01  | 75                 | 650       | 1                | 0/1            | B01       |
| LB4      | LB4 080 10B13  | S LB4 080 10B13 | 80                 | 700       | 1                | 0/1            | B13       |
| L4       | L4 080 10B13   | S L4 080 10B13  | 80                 | 700       | 1                | 0/1            | B13       |
| LB5      | LB5 088 10B13  | S LB5 088 10B13 | 88                 | 720       | 1                | 0/1            | B13       |
|          | LB5 100 10B13  | S LB5 100 10B13 | 100                | 800       | 1                | 0/1            | B13       |
| L5       | L5 088 10B13   | S L5 088 10B13  | 88                 | 720       | 1                | 0/1            | B13       |
|          | L5 100 10B13   | S L5 100 10B13  | 100                | 800       | 1                | 0/1            | B13       |







| BOX<br>TYPE | PRODUCT NUMBER | CAPACITY<br>Ah/20h | CCA | TERMINAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|----------------|--------------------|-----|------------------|----------------|-----------|
|             | MF             |                    | EN  |                  |                |           |
| H4          | H4 105 10B03   | 105                | 760 | 1                | 0/1            | B03       |
|             | H4 110 10B03   | 110                | 780 | 1                | 0/1            | B03       |
| D2a         | LB3 074 10B13  | 110                | 780 | 1                | 0              | B01       |
| D3a         | LB3 075 10B13  | 128                | 860 | 1                | 0              | B01       |





**HIGH**  
CRANKING



**HIGH**  
PERFORMANCE



**SAFE**  
HANDLING



**VIBRATION**  
PERFORMANCE



**LID**  
TECHNOLOGY

High Cranking and  
Cycle Capacity

Special Internal Structure and  
High Performance

High Corrosion Resistance  
and Low Water Loss

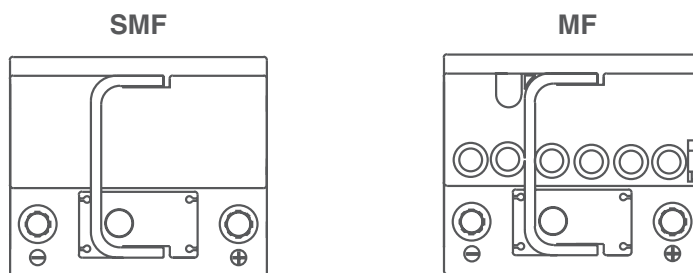
High Cycle and Vibration  
Performance

Maintenance Free SMF  
Technology

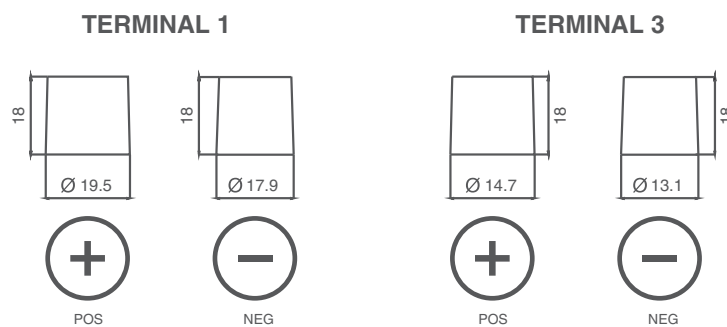
# ASIAN TYPE BATTERIES



Lid  
Types



Terminal  
Types

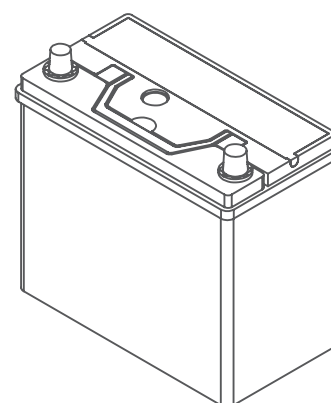
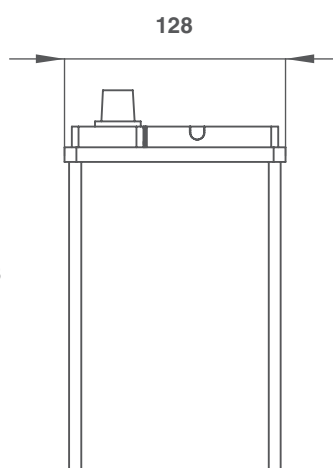
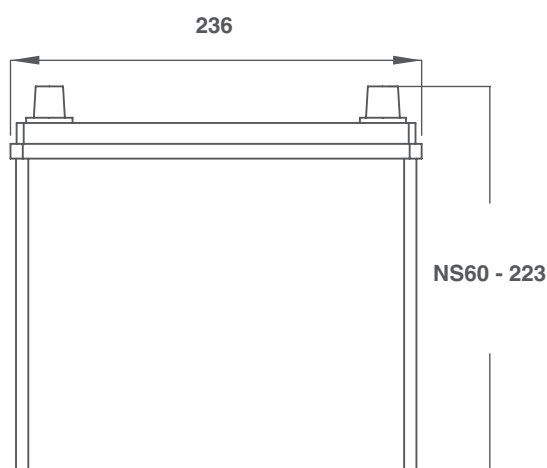
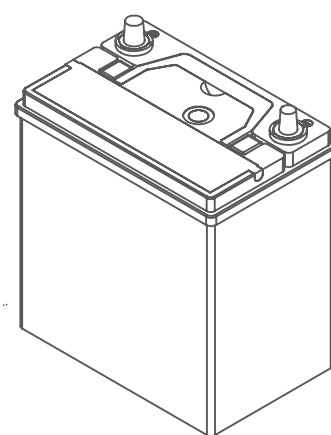
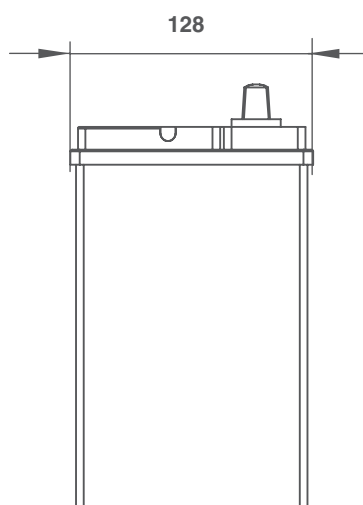
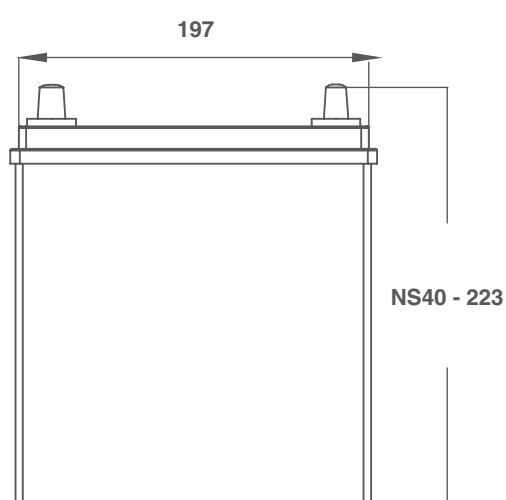






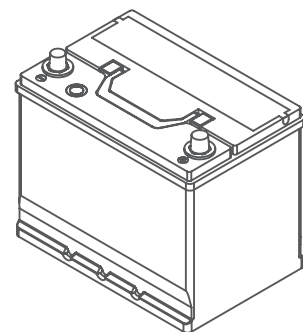
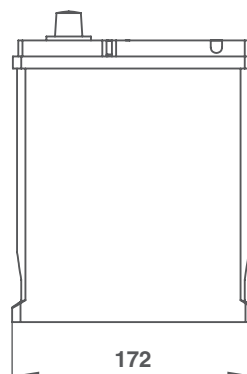
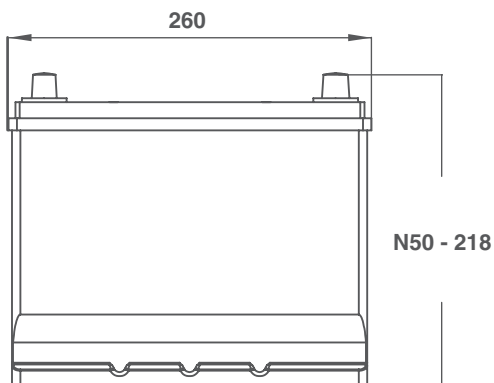
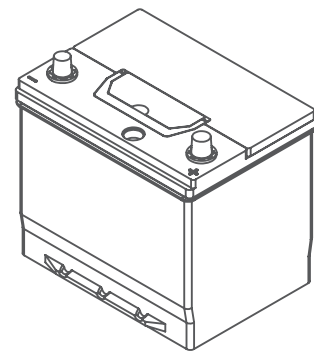
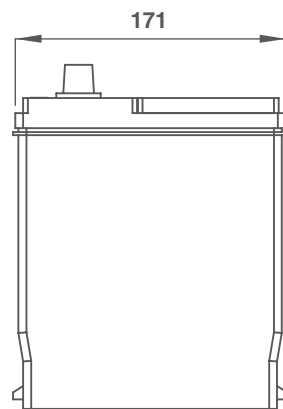
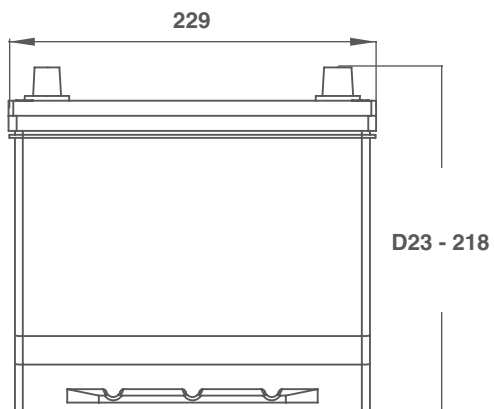
| BOX<br>TYPE | PRODUCT NUMBER |                  | CAPACITY<br>Ah/20h | CCA | TERMI-<br>NAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|----------------|------------------|--------------------|-----|-----------------------|----------------|-----------|
|             | MF             | SMF              |                    | EN  |                       |                |           |
| NS40        | NS40 035 30B00 | S NS40 035 30B00 | 35                 | 240 | 3                     | 0/1            | B00       |
|             | NS40 040 30B00 | S NS40 040 30B00 | 40                 | 270 | 3                     | 0/1            | B00       |
|             | NS40 042 30B00 | S NS40 042 30B00 | 42                 | 330 | 3                     | 0/1            | B00       |
| NS60        | NS60 045 30B00 | S NS60 045 30B00 | 45                 | 360 | 3                     | 0/1            | B00       |
|             | NS60 045 10B00 | S NS60 045 10B00 | 45                 | 360 | 1                     | 0/1            | B00       |

## AREAS OF USAGE

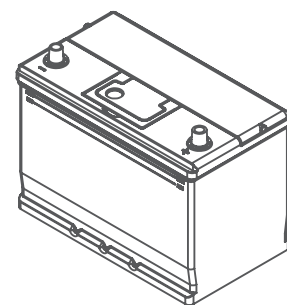
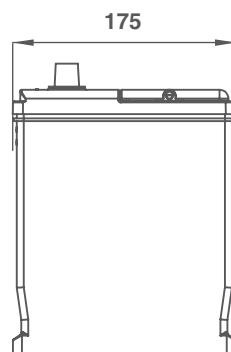
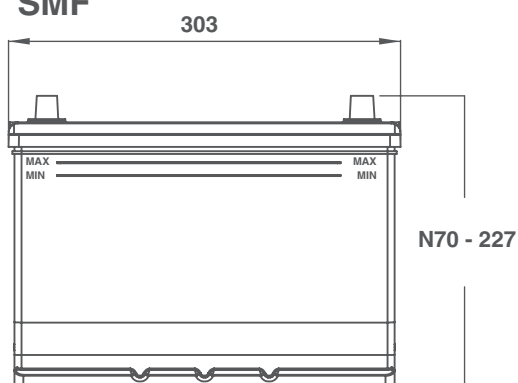




| BOX<br>TYPE | PRODUCT NUMBER |                 | CAPACITY<br>Ah/20h | CCA | TERMI-<br>NAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|----------------|-----------------|--------------------|-----|-----------------------|----------------|-----------|
|             | MF             | SMF             |                    | EN  |                       |                |           |
| D23         | D23 055 10B09  | S D23 055 10B09 | 55                 | 460 | 1                     | 0/1            | B09       |
|             | D23 060 10B09  | S D23 060 10B09 | 60                 | 540 | 1                     | 0/1            | B09       |
| N50         | N50 070 10B09  | S N50 070 10B09 | 70                 | 600 | 1                     | 0/1            | B09       |
| N70         | N70 090 10B01  | S N70 090 10B01 | 90                 | 720 | 1                     | 0/1            | B01       |
|             | N70 100 10B01  | S N70 100 10B01 | 100                | 800 | 1                     | 0/1            | B01       |



## SMF







**HIGH**  
CRANKING



**HIGH**  
PERFORMANCE



**SAFE**  
HANDLING



**VIBRATION**  
PERFORMANCE

High cranking and  
cycle capacity

Special Internal Structure and  
High Performance

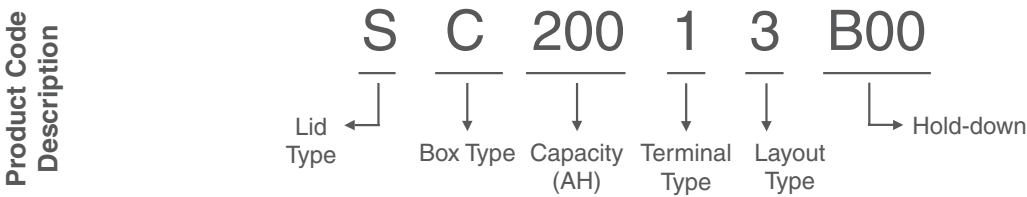
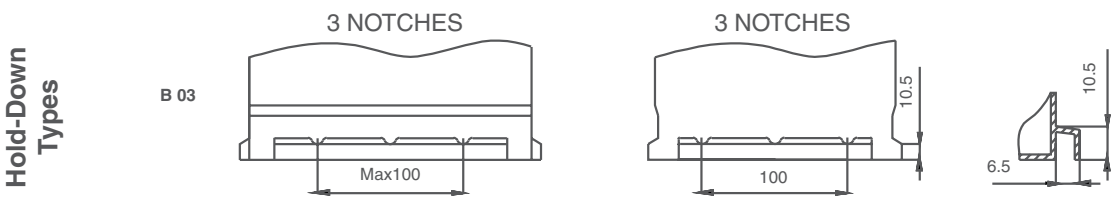
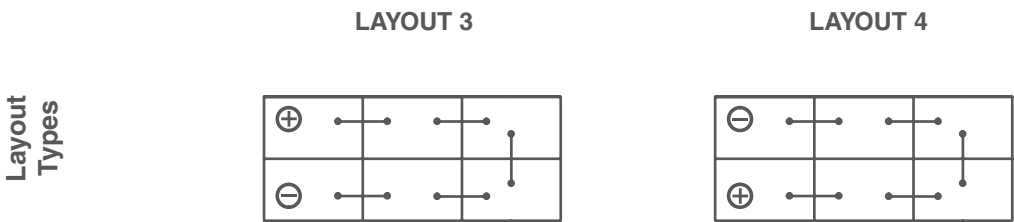
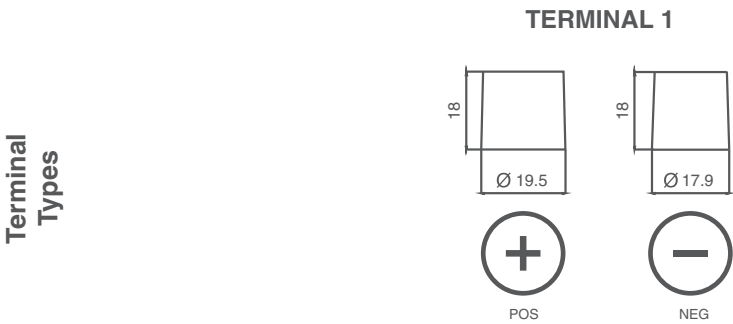
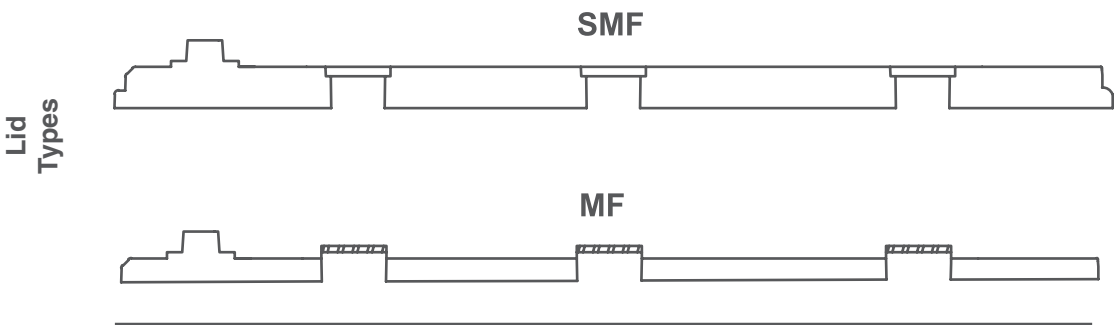
High Corrosion Resistance and  
Low Water Loss

High Cycle and Vibration  
Performance

# HEAVY DUTY BATTERIES



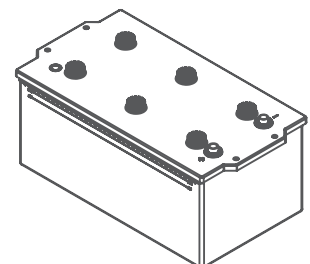
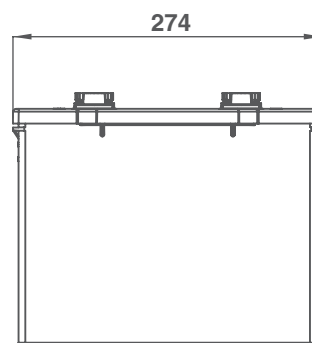
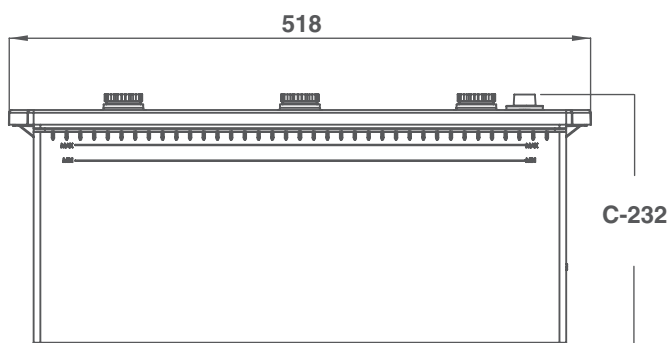
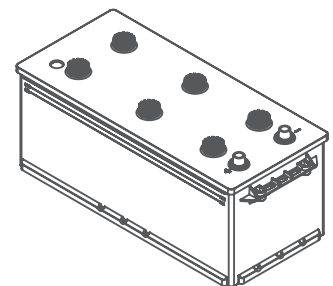
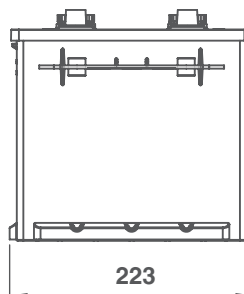
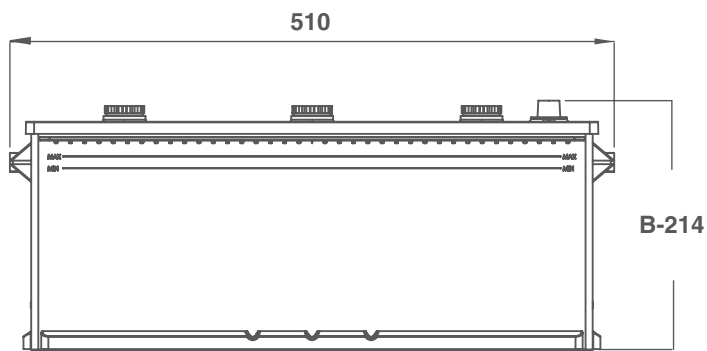
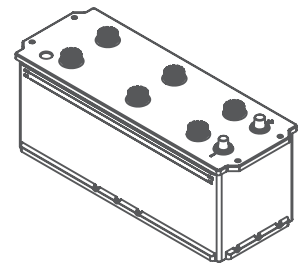
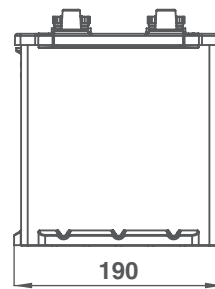
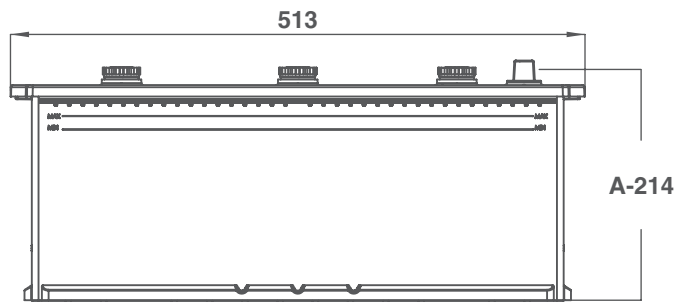






| BOX<br>TYPE | PRODUCT NUMBER |               | CAPACITY<br>Ah/20h | CCA<br>EN | TERMINAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|----------------|---------------|--------------------|-----------|------------------|----------------|-----------|
|             | MF             | SMF           |                    |           |                  |                |           |
| A           | A 120 13B03    | S A 120 13B03 | <b>120</b>         | 850       | 1                | 3/4            | B03       |
|             | A 135 13B03    | S A 135 13B03 | <b>135</b>         | 450       | 1                | 3/4            | B03       |
| B           | B 150 13B00    | S B 150 13B00 | <b>150</b>         | 1000      | 1                | 3/4            | B00       |
|             | B 165 13B00    | S B 165 13B00 | <b>165</b>         | 1100      | 1                | 3/4            | B00       |
|             | B 180 13B00    | S B 165 13B00 | <b>180</b>         | 1150      | 1                | 3/4            | B00       |
|             | B 190 13B00    | S B 165 13B00 | <b>190</b>         | 1180      | 1                | 3/4            | B00       |
| C           | C 200 13B00    | S C 200 13B00 | <b>200</b>         | 1200      | 1                | 3/4            | B00       |
|             | C 210 13B00    | S C 210 13B00 | <b>210</b>         | 1220      | 1                | 3/4            | B00       |
|             | C 225 13B00    | S C 225 13B00 | <b>225</b>         | 1250      | 1                | 3/4            | B00       |
|             | C 240 13B00    | S C 240 13B00 | <b>240</b>         | 1400      | 1                | 3/4            | B00       |

## AREAS OF USAGE





**POWER  
& LONGEVITY**



**%10  
FUEL SAVING**



**%10 LESS  
CARBON EMISSION**



**SMF  
TECHNOLOGY**



**HARSH  
CLIMATES**

Starting power and cycle life  
higher than standard batteries

10% less fuel savings

10% Less carbon  
emissions

Maintenance free SMF  
technology

High performance in  
harsh climatic conditions

# START-STOP EFB

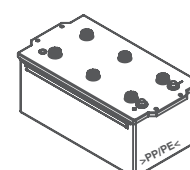
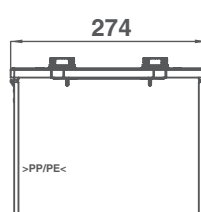
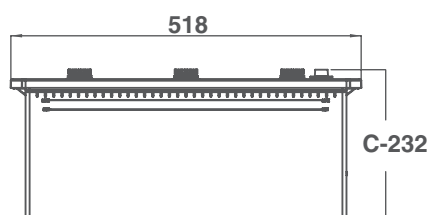
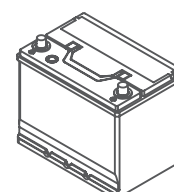
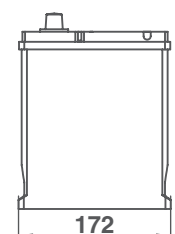
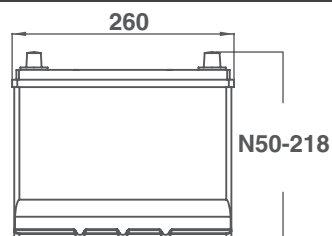
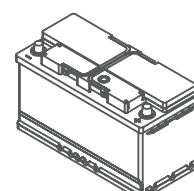
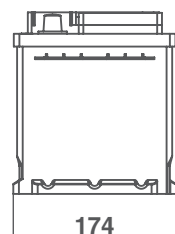
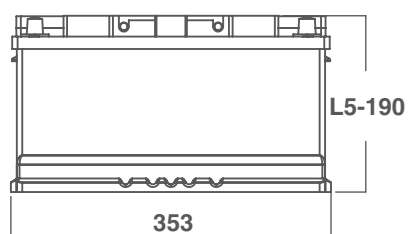
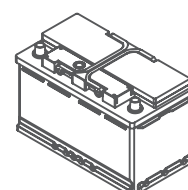
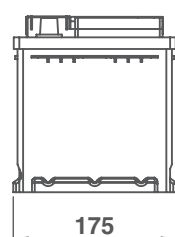
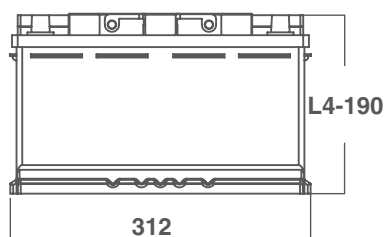
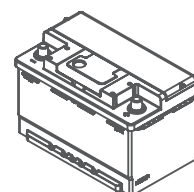
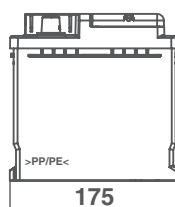
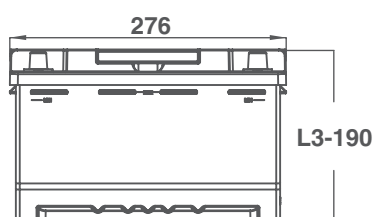
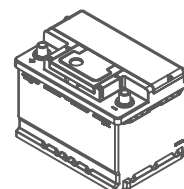
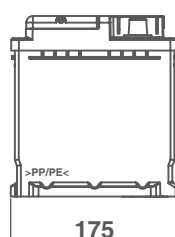
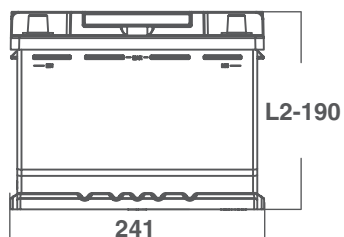






| BOX<br>TYPE | PRODUCT NUMBER  | CAPACITY<br>Ah/20h | CCA  | TERMINAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|-----------------|--------------------|------|------------------|----------------|-----------|
|             |                 |                    | EN   |                  |                |           |
| L2          | S L2 063 10B13  | 63                 | 600  | 1                | 0/1            | B13       |
| L3          | S L3 072 10B13  | 72                 | 720  | 1                | 0/1            | B13       |
| L4          | S L4 084 10B13  | 84                 | 800  | 1                | 0/1            | B13       |
| L5          | S L5 100 10B13  | 100                | 850  | 1                | 0/1            | B13       |
| N50         | S N50 072 10B09 | 72                 | 760  | 1                | 0/1            | B09       |
| C           | S C 225 13B00   | 225                | 1250 | 1                | 3/4            | B00       |

## AREAS OF USAGE







**LASTING**  
PERFORMANCE



**START-STOP**  
FEATURE



**ELECTRIC**  
**EQUIPMENT**  
VEHICLES



**%20 LESS**  
ENERGY CONSUMPTION

3x longer lasting performance  
than standard batteries

For vehicles with start-  
stop feature

For vehicles with high  
electrical equipment

Eco-friendly with 20%  
less energy consumption

A close-up, low-angle shot of the front of a silver Audi car. The car is parked on a paved surface. In the background, there is a wall topped with barbed wire and a palm tree under a cloudy sky. The text 'START-STOP AGM' is overlaid in large white letters at the bottom left.

**START-STOP**  
**AGM**



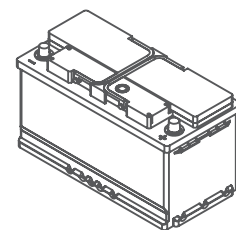
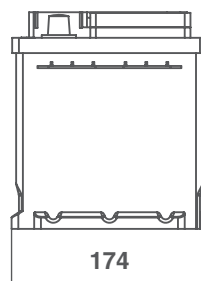
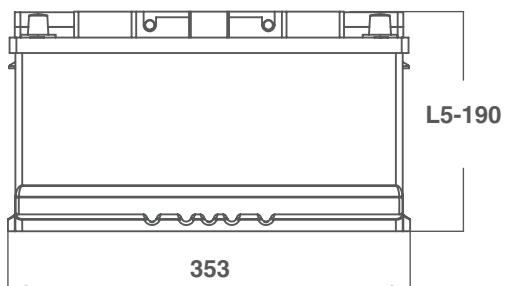
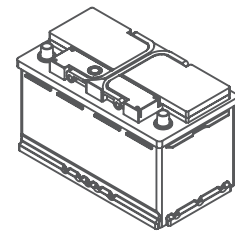
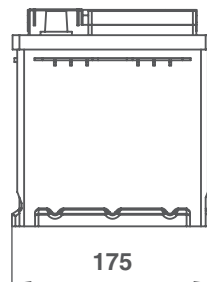
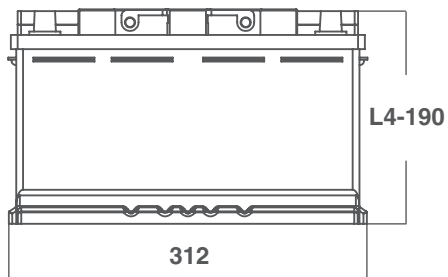
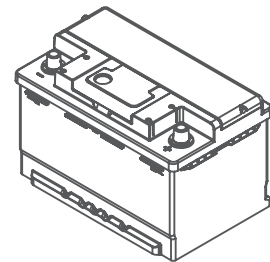
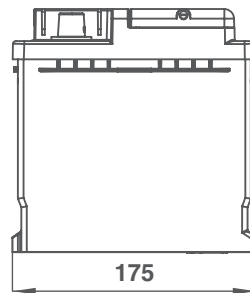
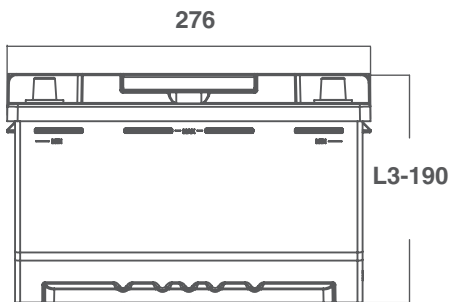






| BOX<br>TYPE | PRODUCT NUMBER | CAPACITY<br>Ah/20h | CCA | TERMINAL<br>TYPE | LAYOUT<br>TYPE | HOLD-DOWN |
|-------------|----------------|--------------------|-----|------------------|----------------|-----------|
| L3          | L3 070 10B13   | <b>70</b>          | 760 | 1                | 0              | B13       |
| L4          | L4 080 10B13   | <b>80</b>          | 800 | 1                | 0              | B13       |
| L5          | L5 095 10B13   | <b>95</b>          | 850 | 1                | 0              | B13       |

## AREAS OF USAGE



## Why are we Premium?

With replicas and poor quality products in different markets around the world, we opted for the challenging path and stayed true to our beliefs of delivering guaranteed high quality products without any concessions.

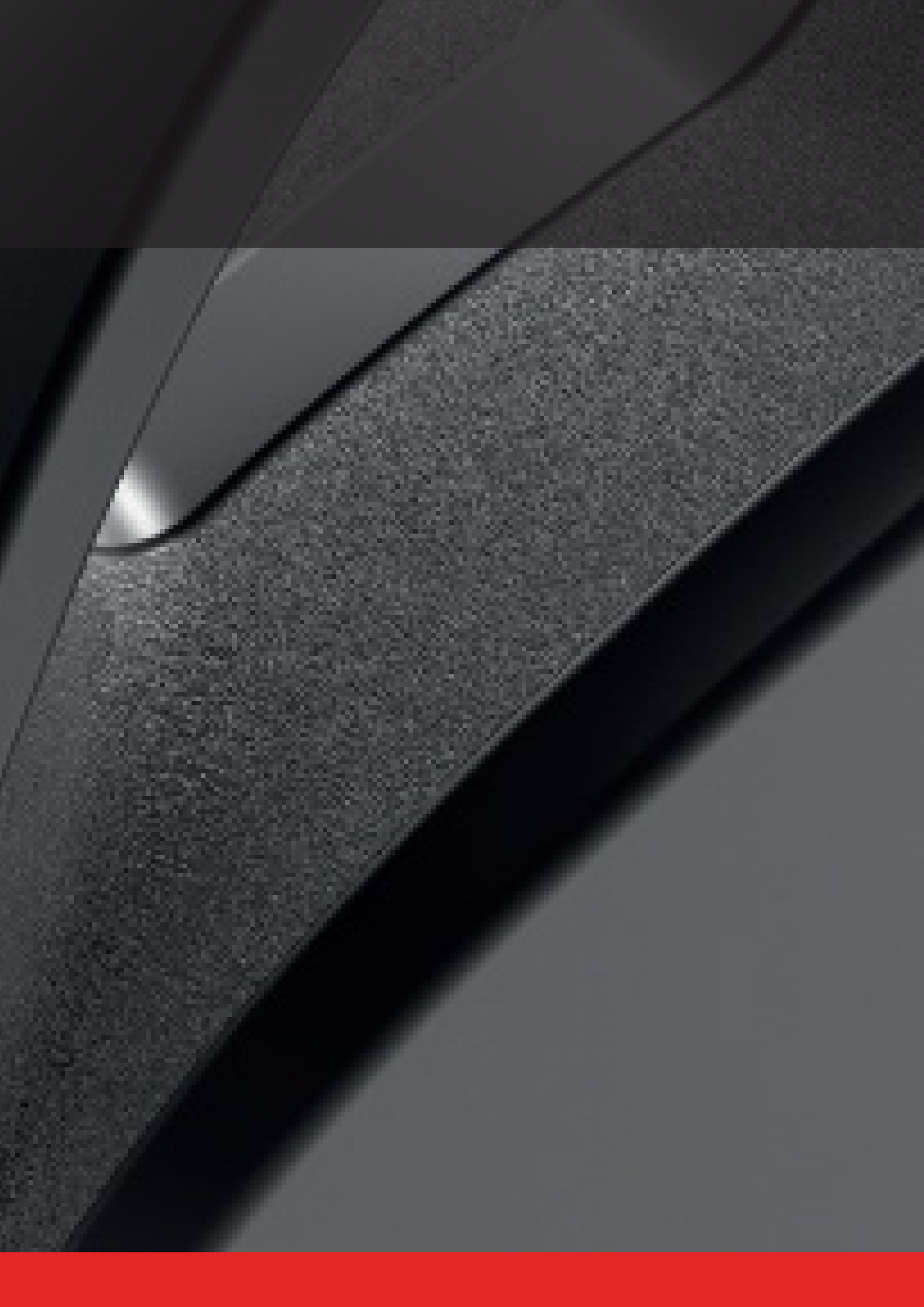
We may not be the biggest, but we are certainly among the best!



It is in our region where major worldwide original equipment manufacturers design and develop the newest vehicles. As a supplier of car care and car maintenance products we value this innovation and we indulge on supplying premium products for the complete vehicle fleet.

Our drive, work ethics and continuous thrive for improvement is highly valued by our customers. Living by these values is how we maintain our position as a premium European brand.







## CONTACT US

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 **Molinol Inc.**  
Building 4, St. 04, 68161  
Mannheim, Germany

 +49 621 490 796 11  
 +49 151 627 377 61

 [info@molinol.de](mailto:info@molinol.de)

[www.molinol.de](http://www.molinol.de)

