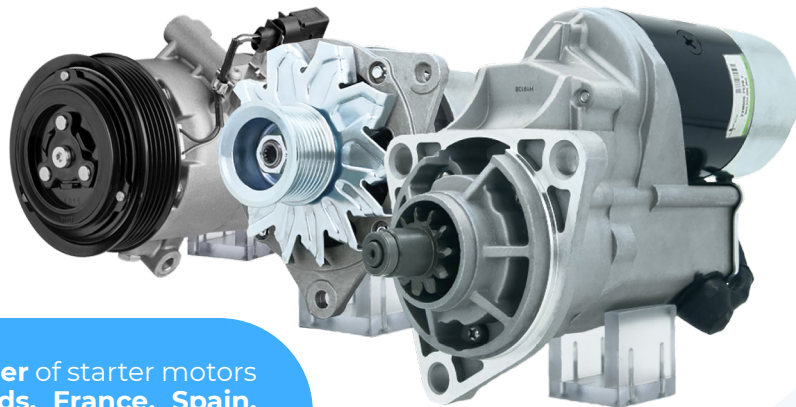




| STARTERS | ALTERNATORS | AC COMPRESSORS | SPARE PARTS | TESTERS |

# ENGLISH 2022

**Pos Service Holland** is an **international wholesaler** of starter motors and alternators. With offices in the **Netherlands, France, Spain, Poland, United Kingdom, China and Taiwan** and representatives in various countries, PSH serves its customers **worldwide**.



| PSH.NL | PSH-SPAIN.ES | PSH-FR.COM | PSH-POLAND.COM | PSH-RU.COM |  
| PSH-CHINA.COM | PSH-TAIWAN.COM | WOODAUTO.COM |

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# CUSTOMER REGISTRATION

## Not a customer yet?

Scan the QR code and complete the registration form. Our representative will contact you as soon as possible to discuss the possibilities.



Scan QR for more info

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## • ACQUISITION WOOD AUTO (UK)

With the acquisition of Wood Auto Supplies Ltd in January 2022, they became a subsidiary of the PSH Group. The combined forces of Wood Auto and PSH will create a UK market leader in rotating electrics.



## • ACQUISITION ROBARCKO (NL)

In March 2022 we further expand our market position by acquiring the international automotive supplier 'Robarcko'. By uniting (technical) knowledge and a wider range of starters, alternators, air conditioning compressors, parts and DC motors, we can offer our customers an even better service.



# ABOUT US

Since its **foundation in 1992**, Pos Service Holland has grown into a **renowned wholesaler of starters and alternators**. Our service goes further than just sales. You can also contact us for **reliable and expert advice**.

“ Our mission is to offer a complete range of high-quality OE, reman and private label products, supported by excellent customer service, in-depth product knowledge and various transport options worldwide. ”

PSH is a distributor of starter motors, alternators, AC compressors, spare parts and testers for all market segments.



Automotive



Freight



Industry



Agriculture



Marine



Motorcycles



Powersports



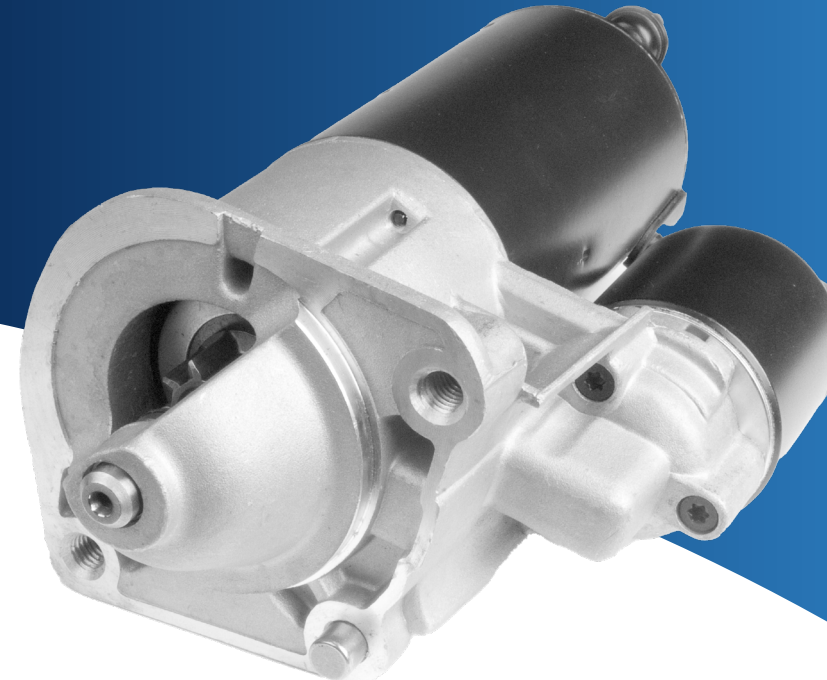
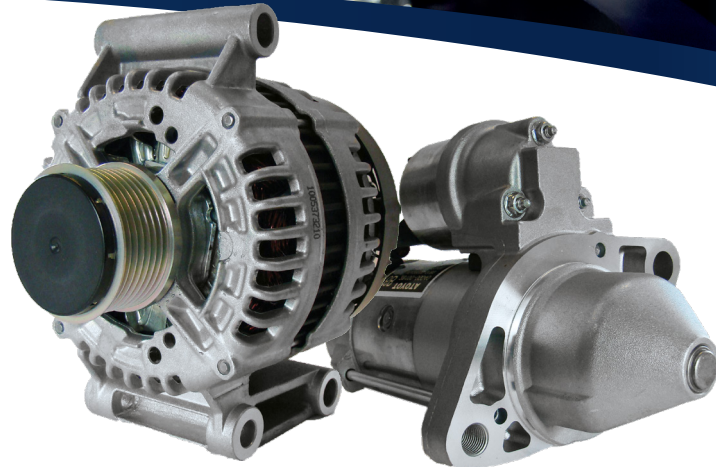
To make a positive contribution to the climate and offset our CO2 emissions, PSH supports sustainable forestry projects from Land Life Company.

# STARTERS AND ALTERNATORS

With more than **12,000 SKU's** starters and alternators, Pos Service Holland covers more than **85%** of the automotive and agricultural market. PSH also supplies units for trucks and shipping.

PSH is a leading company with the widest and **most complete range** of starter motors and alternators. We import various brands, including OEM starters and alternators from **Bosch, Denso, Mahle, SEG** and **Valeo**.

In addition, our customers can choose several qualities of units within the same OE number range, like new OEM, Reman or Imitation products.



- PSH has the **most extensive stock of each product group**. However, if the desired item is not immediately available, **we will do everything we can to deliver it within a reasonable time**.
- Thanks to the **well-coordinated communication** and the streamlined logistics process between all PSH locations, it is possible to **exchange stock within days or to deliver directly to our customers worldwide**.
- PSH stocks several starters and alternators that are difficult to obtain elsewhere. These units are intended for **luxury cars, heavy-duty applications, cargo ships, military vehicles and trains**.

Scan the QR-code for a virtual 360°-tour through our main office in the Netherlands:







## STARTERS & ALTERNATORS

+line starters and alternators are developed and produced according to strict requirements and under professional supervision, resulting in a quality product with very competitive prices.

To meet market demand and customer needs, the brand is divided into 3 different versions: **Pro, Original and Selected.**

+line strives to provide the latest cars with a new starter or alternator when necessary, which is why the range is expanded monthly.

Scan for more info



SELECTED

+ Most cost effective solution

+ Helps reach an even wider spectrum of customers



ORIGINAL

+ Unchanged quality

+ Widest range



PRO

+ Most Advanced Quality

+ OE Components on all wear sensitive parts





- + Manufactured in accordance with **OEM specifications**.
- + **Tested** on Motoplat test benches
- + More than **20 years** of experience.
- + High quality: **0.7%** returns under warranty.
- + Branch and warehouse in **Shanghai**.
- + **7,000+** SKUs
- + **Direct contact** with manufacturers.
- + Private label supplier for **all car brands**.



### Warranty

| CAR                                | OTHER CATAGORIES                   |
|------------------------------------|------------------------------------|
| +line Selected<br><b>12 Months</b> | +line Selected<br><b>12 Months</b> |
| +line Original<br><b>24 Months</b> | +line Original<br><b>18 Months</b> |
| +line Pro<br><b>36 Months</b>      | +line Pro<br><b>24 Months</b>      |

# plus line SPARE PARTS

We have considerably expanded the range of starter and alternator parts from the +line brand. The different parts are completely interchangeable with the parts of both OEM units and those of +line.

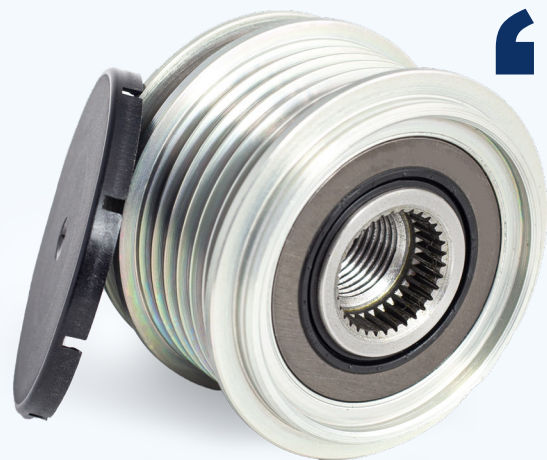
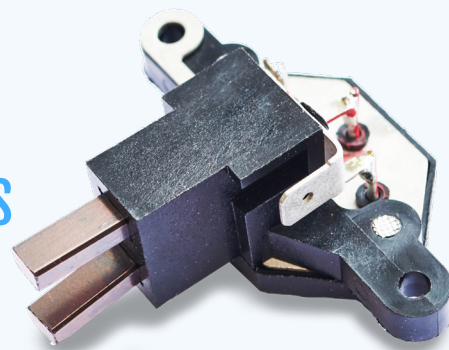
1,600 SKU's



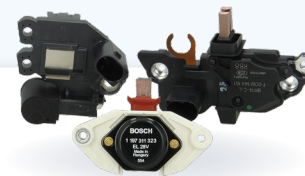


# OE SPARE PARTS

BEARINGS | PULLEYS | REGULATORS | CORES

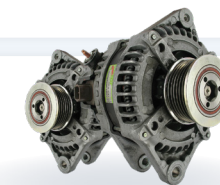


“ In addition to starter motors and alternators, Pos Service Holland also stocks various spare parts for the OE and aftermarket. ”



## REGULATORS

Pos Service Holland expands its stock of controllers every month. The insulation is made of high-quality duroplastic. All these materials together guarantee a long service life.



## CORES

PSH tries to contribute to solving the environmental problem by buying cores, or used starter motors and alternators. For more information about selling cores, visit our website.



## BEARINGS

PSH is a distributor of NSK and KOYO ball bearings for the automotive, truck and heavy-duty industries. We supply ball bearings in version C3 with lubricant K7. This lubricant retains its lubricating properties at temperatures up to 160°C.



## PULLEYS

Pos Service Holland has various types of (freewheel) pulleys in stock from quality brands such as INA and ZEN. The non-standard pulleys are also available on request and generally do not have a long delivery time.



**SKU'S: 12.000**  
**STOCK: 700.000**



SCAN TO DOWNLOAD  
THE NUMBER SYSTEM

## NUMBER SYSTEM

PSH has developed its own unique 12-digit number system. The first two digits describe the brand of the application for which the units are used. For starter motors, the PSH number also describes voltage, type, number of teeth and mounting holes and for alternators voltage, type and amps.

## AC COMPRESSORS

Air conditioning compressors play a much greater role in hybrid and electric vehicles than in combustion engine vehicles. Air conditioning service is becoming more important, creating new service volumes for workshops.

Air conditioning compressors are the heart of the refrigerant circuit. They condition the cabin and regulate the temperature of what is probably the most important part of an electric car's powertrain: the battery.

After all, keeping the traction battery at the right temperature has a crucial impact on the lifespan, charging speed and range of the electric car. Traction motors and power electronics must also be cooled. This changes the role of the air conditioning compressor.

While previously responsible for in-cab comfort, it is now a part of the powertrain, protecting against damage and ensuring the operational safety of the vehicle. Electric vehicles must use electrically driven compressors because the circumferential corrugated belt cannot be used as a drive as with an internal combustion engine.

But hybrid or combustion engine vehicles also benefit from electrically powered compressors, as they can be used on demand, reducing fuel consumption and CO2 emissions.

Pos Service Holland has various air conditioning compressors in stock from the brands Mahle, Denso and Valeo. Soon we will also add air conditioning compressors from +line to our program.

1.000+ SKU'S



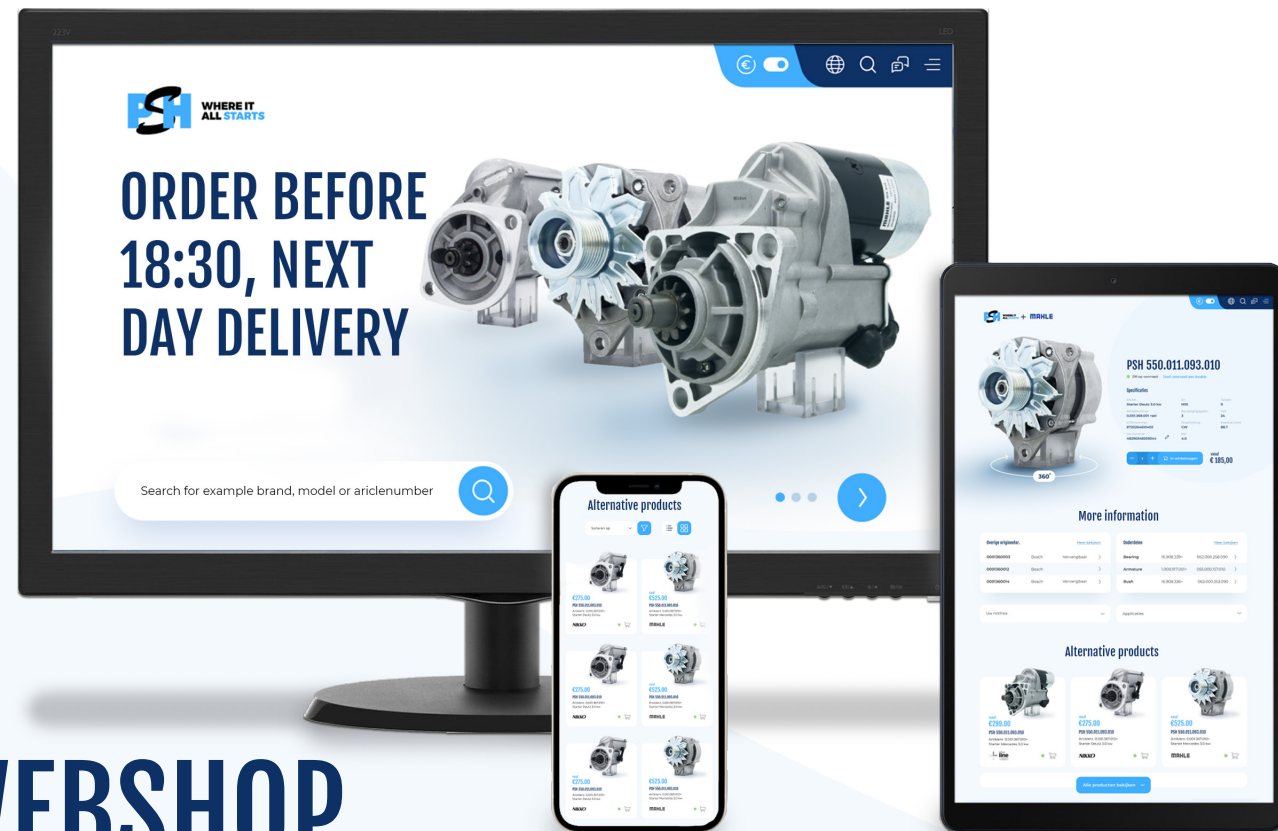
**MAHLE**

**DENSO**

**Valeo**



# WEBSHOP



## COMPLETE WEBSHOP

With each unit you will find a large number of reference numbers and extensive information.



## DIRECT DELIVERY

PSH offers the possibility to deliver orders worldwide, directly to your customer. You only need to change the delivery address in the address field. In addition, you can choose from various transport options.



You will find an HTML photo with all units in our webshop. In addition, you can easily rotate any photo 360 degrees with the mouse.



# PSH WORLDWIDE

## PSH NETHERLANDS

's Graveland - The Netherlands

Pos Service Holland was founded in 1992 in the Netherlands and is located in 's-Graveland.

## WOODAUTO UNITED KINGDOM

Huddersfield - United Kingdom

Wood Auto was acquired by PSH in January 2022. Wood Auto is an international distributor of starters and alternators with several locations in the UK.

## PSH FRANCE

Reims - France

In October 2017, PSH opened a new branch in Reims, France. This allows us to better serve our customers in France.

## PSH SPAIN

Torres de Segre - Spain

PSH opened a branch in Spain in 2009. From here customers in Spain, Portugal and South and Central America are served.

## PSH POLAND

Gdansk - Poland

In order to strengthen our market position and to serve our Polish customers faster and better, PSH opened a complete branch in Gdansk, Poland in January 2020.

## PSH CHINA

Shanghai - China

In 2012, PSH opened its branch in China to guarantee optimum product quality.

## PSH TAIWAN

Taiwan - Taipei

In October 2019, Pos Service Holland opened a sales office in Taipei, Taiwan.

**BRANCHES 7**

**EXPORT COUNTRIES 80+**

**WAREHOUSE SPACE 30 300 M<sup>2</sup>**



## TEST BENCHES

Motoplat stands for high-quality test equipment. Premium European quality, modern technology and user-friendliness characterize every Motoplat tester. We do our utmost to provide our customers with the most reliable and comprehensive testers.

In addition to the well-known test benches, we have developed a number of small testers to supplement your current tester. Thanks to these testers, you can now test modern COM alternators with your old device. Motoplat also supplies testers to diagnose modern car-mounted alternators.



### HANDHELD TESTERS

Motoplat's handheld alternator testers are practical and easy-to-use devices and are used by car workshops, diagnostic workshops, authorized service stations and repair shops.



### BENCHTOP TESTERS

Benchtop testers complement your current testing equipment. With the benchtop tester you can check and test the alternators in the latest cars from BMW, Mercedes Benz, Volkswagen and Audi, among others.



Visit the website



Visit the website



# BRANDS

OE | REMAN | PRIVATE LABEL



ALDOC

electrolog  
Identify Auto Electrical Parts Fast...

LESTER  
CATALOG COMPANY

TecAlliance  
TecDoc Inside

+line  
ADI  
AES  
ATK  
AVF  
BorgWarner  
Bosch  
Bosch Exchange  
Carpa  
CAV  
Comstar  
Continental

Delphi  
Denso  
Dixie  
Doosan  
Ducellier  
Efel  
Elmot  
Femsa  
Fomoco  
Garrett  
Gauss  
Gebe

HC-Parts  
Hella  
Hitachi  
Holset  
Hüco  
Hyundai Glovis  
IHI  
INA  
Ingersoll-Rand  
Japan Reman  
Korea Reman  
Koyo

Litens  
Lucas Elektrik  
Magnetron  
Mahle  
Mitsuba  
Mitsubishi  
Mobiletron  
Monark  
Motoplat  
Motorcraft  
Motorola  
Niehoff

Nikko  
NSK  
Optimum  
Paris Rhone  
Prestolite  
RNL  
Remy  
Rline  
Sanden  
Sawafuji  
SEG  
SKF

Thermoking  
TWA  
Unipoint  
Valeo  
Waeco  
Wilson  
Wood



Koyo

MAHLE  
ORIGINAL

Leece-Neville  
HEAVY DUTY SYSTEMS

SEG  
AUTOMOTIVE



GAUSS

MAGNET  
MARELLI



COMSTAR

HYUNDAI  
GLOVIS



BOSCH

RLine

WILSON

DENSO

HÜCO

Litens



HITACHI



NIKKO



LucasElektrik

WOOD AUTO

Valeo

HC-PARTS





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