



 **Universal**
Specialist in Rotating Electrics

Welcome to Universal

With over 30 years experience in the automotive industry, we have the knowledge and expertise to supply your requirements. Please take a look through our brochure and you will see how our product range consists of over 3500 part numbers. We have two ranges of products available one is our exchange range, and the other is our band new outright range that now consists of over 1500 part numbers.

We cover not only for the car and commercial market, but more specialised markets such as Agricultural, Aviation, Fork trucks, High Output, Lawn Mower, Marine, Motorcycle and Plant.

Universal has its own workshop facility for remanufacturing equipped with the latest computerised testing equipment, assuring the very best in quality as our main priority. We offer an excellent technical helpline and an after sales support and backup service for free. Feel free to talk to one of our technicians-just ask to be transferred to technical support when you call us on +44 (0)1268 662210.

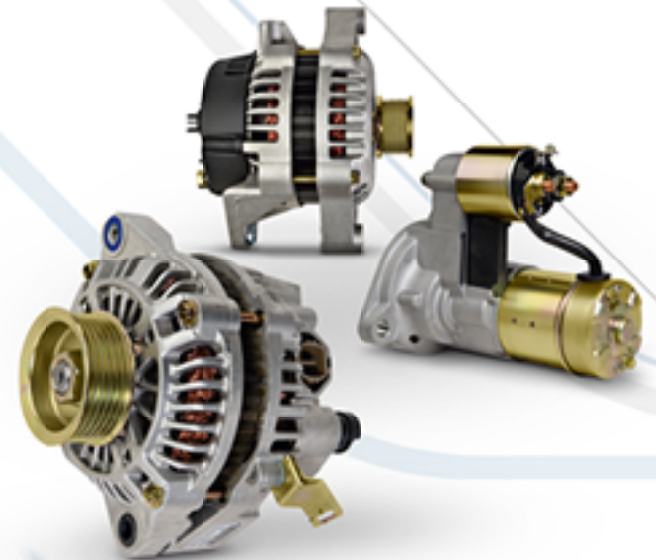
Our website is user friendly showing detailed product information, including product pictures and wiring diagrams. With over 70,000 references within our database we are confident we will have the part you require. We have our own fleet of vans delivering to local trade customers and use recognised carriers that distribute for next day overnight orders. We also export too many countries worldwide.

What our customers say;

"TMF Batteries Ltd are very pleased to be associated with Universal Rotating Electrics being one of their main dealers and an approved supplier for their new, reconditioned and repaired Rotating Electrics.

We have been dealing with Universal for many years and are completely satisfied with their operation and expertise. Whether its supply of new units, repair to our customers units or the availability of technical advice, they always meet our requirements. Efficient, friendly service backed up with excellent collection and delivery options make them our number one supplier".

Martin Osborn. www.tmfbatteries.co.uk



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Rotating Electrics



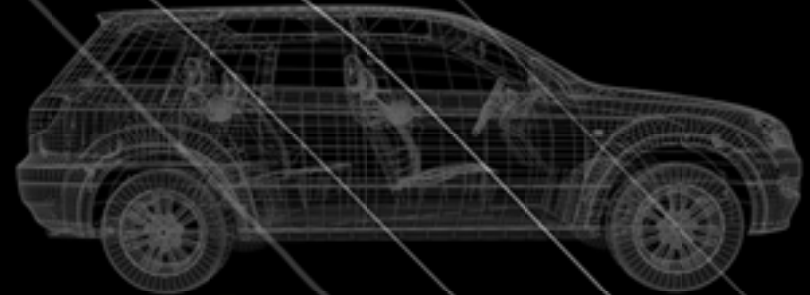


Cars - Current Models

Over 3,500 part numbers in stock ready for immediate dispatch.

If the part you require is not in stock we can offer to rebuild your old unit, or source you the part you require from our original equipment suppliers normally within 24 hours.

We can supply starter motors and alternators not only for the **European** market, but more specialised markets such as **Japanese** grey imports, **American** limousines, American pick up trucks and TVR's.



EUROPEAN JAPANESE AMERICAN
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We supply Starter Motors and Alternators for many vehicle manufacturers including:

Alfa Romeo, Audi, Austin, BMW, Buick, Chevrolet, Chrysler, Citroen, Dacia, Daewoo, Daihatsu, Dodge, Ferrari, Fiat, Ford, GMC, Honda, Hyundai, Isuzu, Jaguar, Jeep, Kia, Lada, Lamborghini, Lancia, Land rover, LDV, Leyland, Lexus, Mazda, Mercedes Benz, MG, Mitsubishi, Nissan, Opel, Peugeot, Proton, Range Rover, Renault, Rover, Saab, Seat, Skoda, Smart, Ssangyong, Subaru, Suzuki, Toyota, Vauxhall, Volvo, Volkswagen and Zastava



Cars-Performance-Vintage

We are very experienced in rebuilding or replacing starter motors, alternators and dynamos for vintage vehicles or restoration projects. Being able to convert 6 volt to 12 volt, or from 12 volt to 9 volt ideal for racing cars, hot rods etc, that need their starter motor to turn over faster when cranking.

Lightweight and high torque starter motors and alternators are available for classic/racing cars from stock.

Cars and technology is changing very fast! At Universal we constantly update our testing equipment and software to assure we stay one step ahead of the market and our competitors. We regularly send out information to our customers with the latest news and details of our new products we have available.



OVER 3500 PART NUMBERS IN STOCK



Tel: +44 (0) 1268 662210 Fax: +44 (0) 1268 525323 Email: sales@universal.uk.com Web: www.universal.uk.com



Chrome Starters

Highly polished chrome starter motors and alternators ideal for the car and show enthusiast.

We have a selection of chrome starter motors and alternators in stock ready for immediate dispatch. We can also custom build chrome starter motors or alternators to suit your specific requirements, alternatively you can send us your old unit and we can rebuild it with a highly polished chrome finish.

Over the years we have taken on many projects some of them include Dax kit cars, Harley Davidson motorbikes, Trikes, American trucks and many types of show cars. We will work with you on your project so you achieve the exact results you want! We can also build High Output alternators to amperages as high as 200 amps! This product is an idea solution if you have recently installed a large in car entertainment system and your existing alternator is not keeping up with the demand of your new install.

Alternatively this product range can be used for many other type of use, here are some of the projects we have undertaken;

- Marine narrow boat upgrade to supply large battery bank in 24 volt for internal lighting.
- Very large ICE installation for competition use.
- A farmer using our high output alternator to charge a very large battery bank
- Wind powered electricity supply project
- Ice cream van high output alternator to supply slush puppy machines
- Off road high output alternator to supply 24 volt winch motors.

We will work alongside you with your project, custom building a High Output alternator to suit your exact requirements. Our High Output alternators are available in 12 volt or 24 volt, from 70 amps going right through to 200 amps. We have an extensive range of these products available in stock ready for immediate dispatch.

We can also up-rate your existing alternator to a higher output if required. This is done within our own workshops and will normally take about 7 days to rebuild.

Chrome Hig



High Output Alternators and High Torque Starters



Chrome Alternators



Tel: +44 (0) 1268 662210 Fax: +44 (0) 1268 525323 Email: sales@universal.uk.com Web: www.universal.uk.com



KEEP YOUR BUSINESS ON THE MOVE....



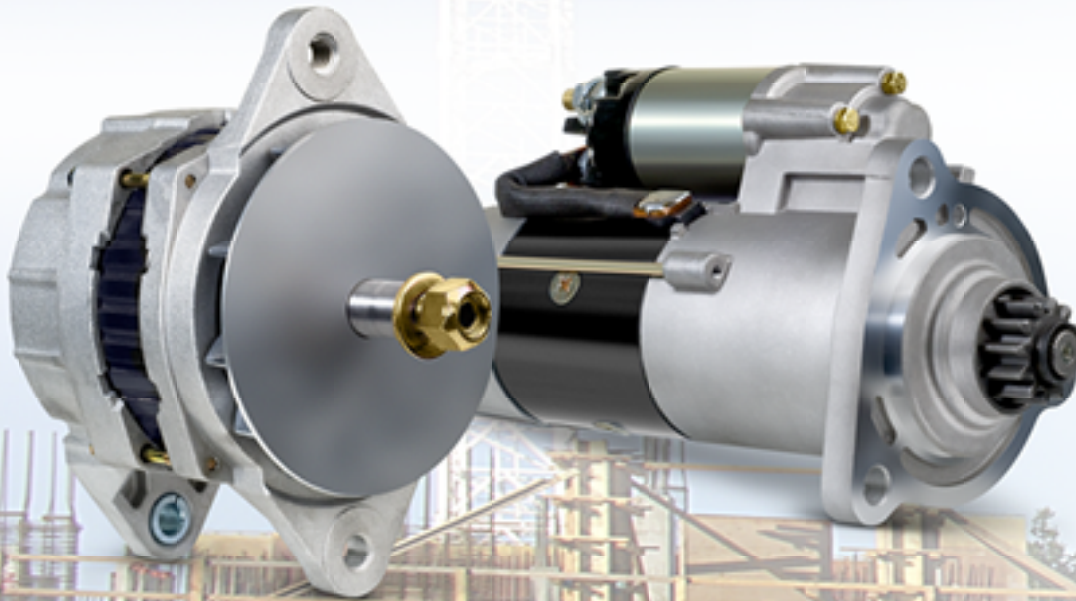
Brand New or Reconditioned,

We have a vast range of starter motors and alternators in stock for commercial vehicles for the following manufactures;

Bedford, Citroen, DAF, ERF, Fiat, Foden, Ford, Isuzu, Iveco, LDV, Leyland, MAN, Mazda, Mercedes Benz, Mitsubishi, Opel, Renault, Peugeot, Scania, Seddon, Steyr, Volvo and VW.

Whether it might be for a bus, coach, dust cart, lorry, mini-bus or a van, we have the expertise and knowledge to supply your requirements.

Because we have our own workshop facility for remanufacturing, this enables us to provide an excellent technical backup and after sales support service for free. A service that our customers find invaluable.



Commercial

We have an extensive range of starter motors and alternators in stock for many different types of agricultural machinery

from leading manufactures such as Case, Caterpillar, Claas, Deutz-Fahr, Eicher, Fendt, Fiat-Allis, Ford, Goldini, Iseki, John Deere, Marshall, Massey Ferguson, Mercedes, New Holland, Same, Steyr and Zeter.

We understand the importance that your machinery needs to be in working order, so your replacement part can be received within 24 hours (UK only) causing you the least amount of inconvenience as possible!



We can also supply for all types of plant machinery including bulldozers, compressors, cranes, earth moving equipment, excavators, pressure washers and road rollers from the following manufacturers; Atlas Copco, Bobcat, Caterpillar, Cummins, Daewoo, Deutz, Hanomag, Hatz, Honda, KHD, KIA, Komatsu, Kohler, Mitsubishi, Onan, Perkins, Ruggerini and Yanmar.



Lawn mower

Universal have recently introduced a range of starter motors and alternators for most types of lawn mowers including many of the market leaders with the following engines; Briggs Stratton, Hatz, Honda, Kawasaki, Kohler and Yanmar.

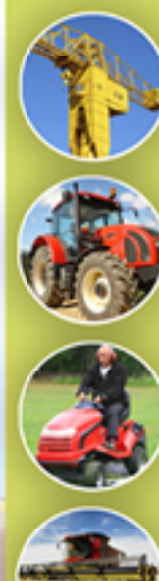


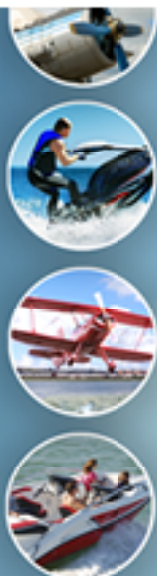
Fork trucks

We also have starter motors and alternators in stock ready for immediate dispatch for most types fork trucks from the following manufacturers; Clark, Daewoo, Hyster, Heddon, Hyundai, Komatsu, Linde, Mitsubishi, TCM, Nissan, Toyota and Yale.



If the part you require is not in stock we can offer to rebuild your old unit, or source you the part from our original equipment suppliers normally within 24 hours, a service we pride ourselves on.





Whatever your passion is, we can supply you with the part you need.



We are experienced in reconditioning starter motors and alternators for light and small aircraft.

Each unit is individually re-built (not in batches to assure individual parts recognition), using OE compatible parts from market leading suppliers assuring the very best in quality. Once the unit is rebuilt it is then tested using the latest testing equipment, and a computer print out showing the test results will be enclosed with the finished product.



For marine applications we stock a range of starter motors and alternators that include some of the following engines;

Bedford, Bukh, Iveco, Mercruiser, Mitsubishi, Perkins, SABB, Volvo Penta and Yanmar.

It might be for your speed boat with a Mercruiser V8 engine or a longboat with a Perkins 4108 engine, with over 30 years experience in remanufacturing we have the expertise to supply your requirements.



We can custom build marine alternators to suit your requirements, 12 volt or 24 volt, insulated earth or earth return, from 70 amp to 200 amp, single v pulley or multi v pulley. We can also build your alternator with a field wire to comply with a separate Sterling or Adverc battery management systems. Just let us know what you want and we will build you one!





Whether it's for a motorcycle, scooter, quad or trike...we have starter motors and alternators for the following manufacturers; Aprilla, BMW, Harley Davidson, Motto Guzzi, Peugeot, Piaggio, Suzuki, Triumph, Vespa and Yamaha.


If the part you require is not in stock we can offer to rebuild your old unit, or try to source you the part you require from our OE suppliers normally within 24 hours, a service we pride ourselves on achieving!

We have also taken on special build projects and supplied chrome starter motors for Harley Davidson's, chrome starter motors and alternators for trikes and starter motors for dragsters. Please have a look at our Chrome page for more information about these products and services.



Motorbikes

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