

# Rotating Electrics

## Overview, features and benefits

www.boschautoparts.co.uk



**BOSCH**  
Invented for life



- ▶ Bosch only uses original equipment manufacturer core in the remanufacturing process to ensure a high quality product
- ▶ Only Bosch certified quality replacement parts are used in the remanufacturing process
- ▶ In addition to end of line functionality tests, Bosch also selectively "lifetime tests" units in production to ensure they are meeting Bosch's high quality standards
- ▶ 2 year warranty on all units

### Core Selection

- ▶ To end with the best, you must start with the best
- ▶ Bosch only uses recognised original equipment manufacturer core in the remanufacturing process
- ▶ Original equipment manufacturer core guarantees the quality level of the unit that was originally fitted to the vehicle

### Spare Part Quality

- ▶ 100% replacement of wearing and critical parts
- ▶ Non wearing parts undergo rigorous testing procedures to ensure conformity
- ▶ New components are sourced only from Bosch certified plants and are of high quality

### Testing Process

- ▶ All units are end of line tested for functionality
- ▶ Samples from each batch are "lifetime tested"
- ▶ Results of testing are constantly monitored to ensure no deviation from specified limits

100 years of experience in the development and manufacturing of original equipment starters and alternators.

# Rotating Electrics

## Start/Stop variants

www.boschautoparts.co.uk



**BOSCH**  
Invented for life

### Developments

Starter motors and alternators have evolved with start/stop technology due to the increased number of vehicle starts and the demands for the battery to be charged faster than on non start/stop vehicles.



#### Start/Stop Alternator

Efficiency Line alternators start supplying the vehicle electrical system with power immediately after starting the engine and allow rapid charging of the battery

#### Benefits

- ▶ Increased charging performance, 77% versus 65% for a standard alternator
- ▶ Excellent power output even at low engine speeds
- ▶ Increased performance and reduced fuel consumption
- ▶ Improved driving experience



#### Start/Stop Starter Motor

Starters for start/stop systems are designed for many more starting operations than conventional starters

#### Features

- ▶ Reinforced bearings
- ▶ Enhanced planetary gear unit
- ▶ Heavy duty meshing mechanism
- ▶ Optimised commutator

#### Benefits

- ▶ Restarts the vehicle quickly and quietly every time
- ▶ Delivers up to 300,000 starting operations versus 150,000 for a standard starter motor

100 years of experience in the development and manufacturing of original equipment starters and alternators



### Rotating Electrics Summary:

- ▶ Bosch only uses original equipment manufacturer core in the remanufacturing process to ensure a high quality product
- ▶ Only Bosch certified quality replacement parts are used in the remanufacturing process
- ▶ In addition to end of line functionality tests, Bosch also selectively "lifetime tests" units in production to ensure it is meeting Bosch's high quality standards
- ▶ 2 year warranty units