

NEW

# ŠKODA SUPERB iV

## POWERTRAIN TECHNOLOGY



### POWER ELECTRONICS

Convert direct current (DC) from the traction battery into the alternating current (AC) that drives the electric motor and enables communication among other powertrain components



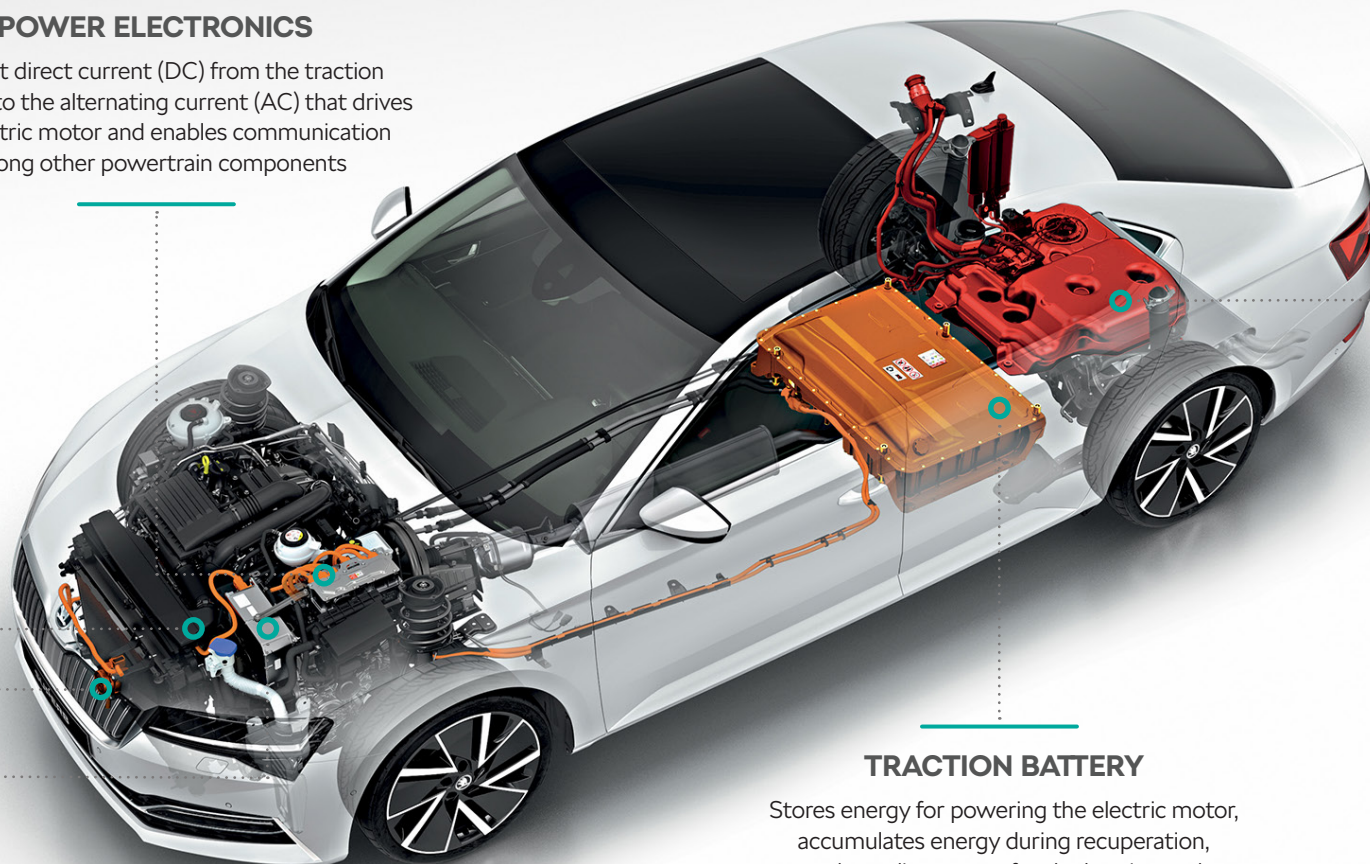
### ELECTRIC MOTOR

- › Three-phase, permanent-magnet, synchronous electric motor
- › Built directly into the DQ400e gearbox
- › Used to start the internal combustion engine and also functions as an alternator

### CHARGING SOCKET



### TRACTION BATTERY CHARGER



### FUEL TANK

Contains up to 50 l of petrol



### TRACTION BATTERY

Stores energy for powering the electric motor, accumulates energy during recuperation, and supplies energy for the heating and the air-conditioning compressor

