

OCTAVIA iV



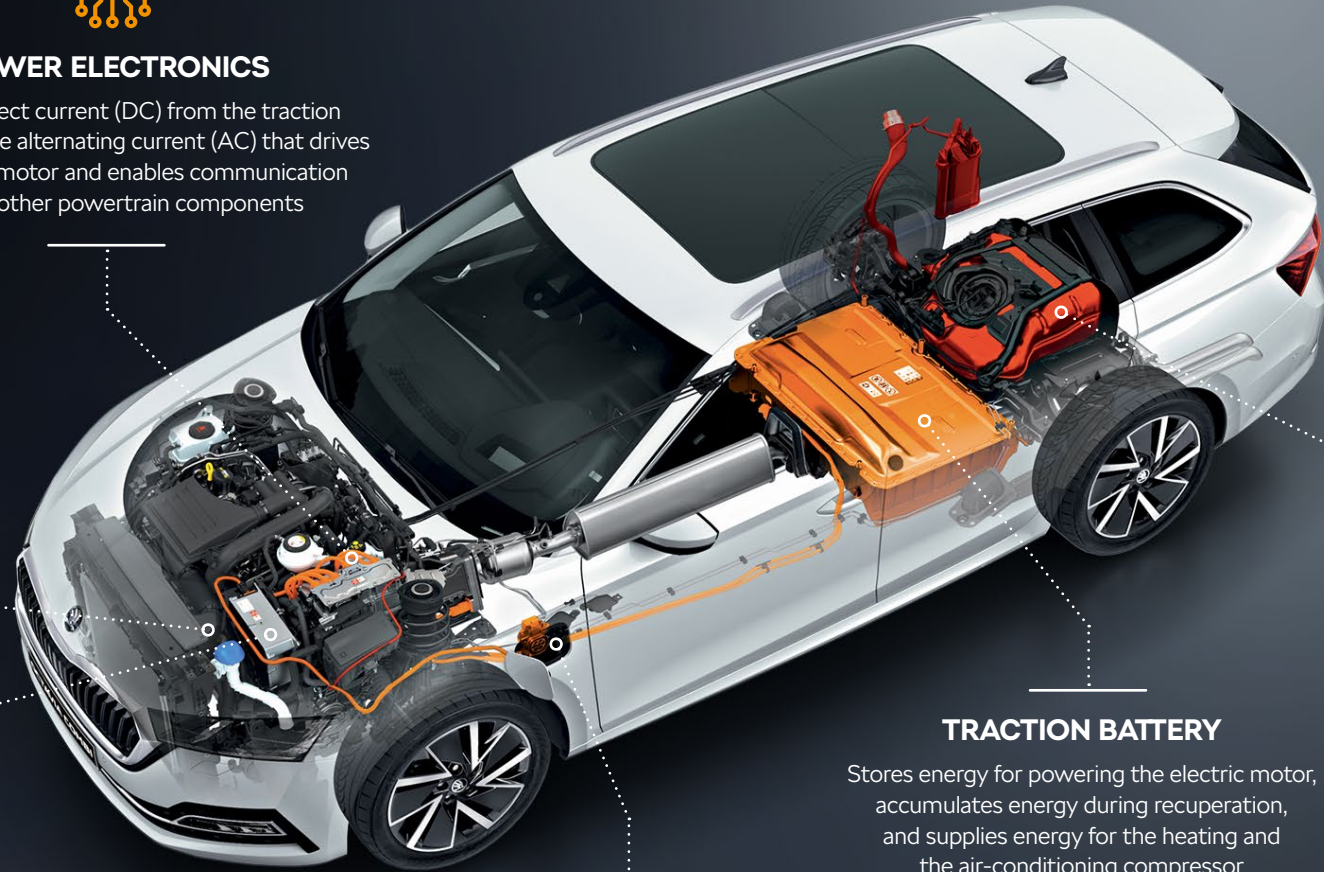
POWER ELECTRONICS

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



TRACTION BATTERY CHARGER



CHARGING SOCKET



TRACTION BATTERY

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



FUEL TANK

Contains up to 40 l of petrol

