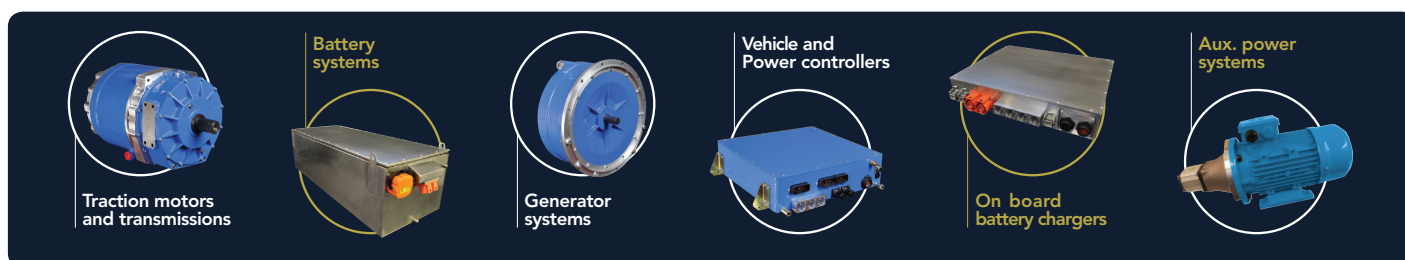


**MAGTEC** UK's **largest supplier** of hybrid and electric drive systems

# Magtec EV Commercial Vehicle Systems QUICK FACTS:



- **Magtec** produce a complete range of drive trains for Urban Electric Delivery trucks from 3.5t to 18t GVW
- **Magtec** currently have more than 400 drive systems operating in electric trucks around the world. Proven reliability and lifetime with vehicles in service for more than 8 years
- Full electric drive system has no tailpipe emissions, uses regenerative braking to improve efficiency and operating range and is practically silent allowing out of hours deliveries
- Conversions undertaken on new chassis or on existing fleet vehicles. Current vehicles include chassis from MAN, Isuzu, Iveco, DAF, Avia etc
- Conversion does not require modification of the existing vehicle structure or systems other than the removal of the pre-existing engine and gearbox
- The battery pack is scalable and is capable of holding between 60kWh and 200kWh of electrical energy with a charge time of 8 hours overnight at depot using low carbon off-peak energy. The battery is made from Lithium Iron Phosphate and can be charged/discharged without memory effect thousands of times
- Daily range is normally between 60 miles and 150 miles. Battery packs are modular and scalable which means that greater range is simply a function of fitting more battery packs. Even higher range is available using a diesel powered range extender
- High performance drive systems match the driving performance of existing vehicles. Drive systems are available with outputs up to 3000Nm of torque and 200kW power.



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**MAGTEC**  
HYBRID & ELECTRIC VEHICLE DRIVES