

MANUFACTURER FOR INTELLIGENT ELECTRIC
DRIVING AND WORKING



LEFFERT FM-50

Frisian Motors' fully electric Leffert FM-50 enables quiet and environmentally friendly manoeuvring, both indoors and in rough terrain. These robust vehicles are assembled in our Dutch factory and offer impressive functionality. The Leffert FM-50 is supplied as standard with a (category L7e) registration plate, so it can be used public roads. Depending on the conditions, the range varies between 60-80 km. It has a maximum speed of 55 km/h.

The FM-50 is delivered as standard with authorisation for use on public roads and an internal battery charger for main grid use. Simply plug into a wall socket: it couldn't be easier! The battery will charge within ±six hours (two hours is optional). The vehicle is supplied as standard with 72V 160 Ah (12.25 kWh) lithium batteries.

Depending on the wishes and requirements of the user, the technical specifications and exterior of the vehicle can be fully modified and customised. Business users may be able to benefit from tax subsidy schemes. A variety of accessories can be selected for specific applications, such as an extended or fully enclosed cab. This creates a versatile and multifunctional vehicle.

Thanks to the powerful lithium batteries, our Leffert Series vehicle is lighter (by up to 260 kg) and can carry a load of up to 500 kg. The range can be adjusted from 60 km to 100 km thanks to the modular lithium system. The lithium batteries last up to four times longer than AGM batteries and are covered by a standard two-year warranty. They can be recharged quickly. The charging time can be reduced from six hours to two hours using an optional fast charger. Businesses can be eligible for government subsidies, so investing in our Leffert vehicles with lithium batteries can bring benefits under the environmental investment allowance (MIA) and the small projects investment benefit (KIA).



TECHNICAL SPECIFICATIONS:

- Power: 5-10 kW at 72 volts
- Total load capacity: 500 kg
- Battery weight: ± 100 kg Total vehicle weight: 510 kg (including batteries)
- Vehicle dimensions (L x W x H): 2950 x 1430 x 1854 mm
- Wheelbase dimensions: 1910 mm
- Turning circle: 3.9 m
- Range: approx. 60-80 km. (depending on driving conditions)
- Speed: 55 km/h
- Acceleration: 0-30 km/h 5.1 sec., 0-55 km/h 12 sec.
- Maximum gradient: 18% from standstill
- No motor vehicle tax, road tax and private use addition
- Can be driven with driving licence category B

STANDARD SPECIFICATIONS:

- Low maintenance lithium batteries
- Number of seats: 2
- Open cab
- Standard daytime running lights
- Polycarbonate plastic windscreen
- Seat belts
- Inside and outside mirrors
- Bucket seats
- 4 disc brakes
- 12 volt connection for accessories

OPTIONAL ACCESSORIES:

- Larger range
- Glass windscreen with wipers
- Polycarbonate plastic rear windscreen
- Front winch
- Closed cab with heating
- Tow hitch
- Extended cargo box, rear bench or closed cargo box
- Large mirrors
- and many more...

POSSIBLE ACCESSORIES:



Leffert glass front windshield with wiper



Leffert rear window



Leffert cabin with heating

OUR OTHER PRODUCTS:



Leffert FM-40



Leffert FM-80



Leffert FM-90 4x4

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