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TRUCKON

Truckonnect giving your business a new edge

The Truckonnect service allows customers to check real-time vehicle information such as operating route, as well as the status of troubles such as vehicle breakdowns. After registering\* for the service, simply access your user page anytime to easily browse information including location, electrical efficiency, and vehicle management. It also allows the real-time monitoring of driver safety, while supporting customer efficiency both in terms of daily operations and fuel savings.





#### Position and tracking conditions

- Realtime vehicle location
- Driving record and stopping history
- Geofencina

Safe driving data Identify electrical efficiency Calculate safe driving scores Automatically calculate electrical efficiency Alert dangerous driving in real time



\* A separate application for Truckonnect services will be required. For more details, contact your nearest sales office or sales representative.

• The photos in this catalog may appear a different color to the actual vehicle due to the properties of the printing ink.

- The vehicle photographed in this catalog may have different specifications to standard specifications. The main specifications, images, and other details included in this catalog represent an example of standard customization. Other modifications can be made within the scope permitted by regulations by submitting a request. For details, contact your Mitsubishi Fuso dealer.
- . Note that if there is an increase in vehicle weight due to the shape of the cargo area or custom specifications, it will result in a reduction in load capacity.
- The dimensions, specifications, equipment, graphs, and other details included in this catalog are subject
- Company names and product names included in this catalog are trademarks or registered trademarks of their respective companies.

Read the vehicle's instruction manual thoroughly before use, and perform the required inspections and maintenance in order to keep the vehicle operating in optimum condition.

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Vehicle management

Statistical analysis of nationwide data

Visualization of vehicle operating rate

# **FUSO**





## **Clean. Powerful. Safe.** Seamlessly integrated into society.

Further enhancements have been made to the eCanter for zero-emission transportation and lower noise in urban areas.

Its all-electric platform ensures great performance, and less vibrations reduce driver fatigue. The eCanter offers lower maintenance cost and greater energy efficiency\*1 combined with state-of-the-art safety features.

Bringing people, society and the future closer through transportation — a new era for logistics begins with the eCanter.

	Truck Potential		
Gross vehicle v	weight: 7.5	t [GVW]	
Maximum payload capacity:	4,220	kg [with ca	
Cab width:	1,995	mm [wide o	
Wheelbase:	3,400	mm	

**CANTER** 



\*1 When using normal AC charging \* Image is for visualization only. Actual vehicle may vary by market.

## Simple EV System. Designed with state-of-the-art technology

The key advantage of electric vehicles is their simple mechanical design. Combined with FUSO's advanced technology, we offer a safe, efficient and high-performance electric truck.

#### Silent citywide deliveries

The eCanter is an ideal fit for inner-city delivery and transportation businesses. The torque of the electric motor enables smooth stop-start driving. Clutch/gear shifts are no longer needed. The eCanter has a high gradeability for driving up steep slopes. As the eCanter runs silently with zero emissions, it is suited to night time and early morning operations in city areas.

#### Powered by electricity

Drivers will not find themselves short on power, as performance is superior to diesel engines in its class. The electric motor generates immense torque that enhances driving comfort and efficiency.

#### Lithium-ion batteries

Each high-performance lithium-ion battery pack has a capacity of 370V/13.5kWh, and the eCanter is powered with six battery packs on board. These give the eCanter a range of approximately 100 km\* per charge, capable of being charged by two types of battery charging systems: normal AC charging, or quick DC charging compliant with the CCS2 protocol.

\* Range varies according to running condition.







### Intuitive cockpit design

Driver-oriented design elements are featured throughout the cockpit. The eCanter allows drivers of all experience levels to maximize the potential of the all-electric platform without needing any skills specific to operating an electric vehicle.

#### **User-friendly layout**

Drivers will find vehicle information easily, with classic analogue meters on either side of the dashboard, and an upper info panel featuring the speedometer and energy meter showing the amount of power used or generated by the motor. In between the meters is the multi-information display and other indicators, for a simple and intuitive instrument cluster.

#### Start/Stop Button

Starting the EV system is easy – simply insert the starter key into the key slot and press the START/STOP button. The cabin can also be locked/unlocked while drivers are away from the truck using the keyless entry function.

#### Comfortable and stress-free driving

The seat design has been optimized for driver comfort, as well as easy access in and out of the cab. Less vibrations of the all-electric vehicle also help reduce driver fatigue.





## Normal or Quick Charging — **Designed to Suit Any Business Setup**

The eCanter is designed to suit any type of operation and charging facility. The eCanter is equipped with both normal (AC) and quick (DC) charging ports.

#### Normal charging (AC)

Quick charging (DC)

AC single phase (max 32A) can be used when a longer charging time is available. The charging time varies depending on the battery SOC (State of Charge) and when charging starts.

### The eCanter can also be charged with DC charging. Systems compliant with CCS2 standard enable charging in a shorter time. Quick charging mode is ideal if there is insufficient time to use normal charging



#### **Electricity for economical operation**

The all-electric eCanter has a lower running cost and is competitively economical. Fewer mechanical components also means a reduction in maintenance costs compared to diesel vehicles.

## **SPECIFICATIONS**

#### eCanter specifications [with cab chassis]

-			
GVW Gross vehicle weight	7.5 t	Curb weight	3,180 kg
Cab	Single cab	Maximum payload capacity	4,220 kg
Passengers	3	Axle capacity (front/rear)	3,100 kg
Overall length	5,940 mm	Maximum power	135 kW (
Overall width (cab)	1,995 mm	Maximum torque	390 Nm
Cab dimensions	1,625 mm	Maximum road speed	80 km/h
Wheelbase	3,400 mm	Range	1.92 km/
Front overhang	1,145 mm	Final reduction gear ratio	6.666
Rear overhang	1,395 mm	Voltage (vehicle power source)	12 V
Tread (front/rear)	1,665 mm / 1,560 mm	Batteries	6 battery
Frame width	750 mm	Battery capacity (rated/usable)	13.5 kWr
Maximum gradeability	20 %	Tyres	205/75R <sup>-</sup>

Curb weight	3,180 kg	
Maximum payload capacity	4,220 kg	
Axle capacity (front/rear)	3,100 kg / 6,000 kg	
Maximum power	135 kW (equivalent to 180 hp)	
Maximum torque	390 Nm	
Maximum road speed	80 km/h	
Range	1.92 km/kWh (JE05)	
Final reduction gear ratio	6.666	
Voltage (vehicle power source)	12 V	
Batteries	6 battery packs	
Battery capacity (rated/usable)	13.5 kWh / 81 kWh	
Tyres	205/75R17.5 (3200/6000)	
Voltage (vehicle power source) Batteries Battery capacity (rated/usable) Tyres	12 V   6 battery packs   13.5 kWh / 81 kWh   205/75R17.5 (3200/6000)	

## **TOTAL SAFETY** Sophisticated safety devices to protect drivers and society

#### Advanced Emergency Braking System (AEBS)

A high-precision millimeter-wave radar installed in the front bumper detects moving or stationary vehicles ahead as well as pedestrians.<sup>\*1</sup> If a potential collision is detected, the system alerts the driver with a warning and automatically activates the brakes.<sup>2</sup> This helps the driver avoid a collision, or reduces the level of damage if a collision is unavoidable. When AEBS is activated, the icon in the multi-information display in the instrument cluster alerts the driver, and a warning lamp flashes.

\*1 Only capable of detecting walking pedestrians \*2 Specific conditions must be present before the brakes are activated

AEBS is not designed for preventing collisions or minimizing damage in any condition, and has limitations in its recognition and control performance. Drivers must always check for safety around the vehicle before driving, and maintain a safe distance between other vehicles. The system may not active depending on the conditions of the vehicle ahead.

#### **Electronic Stability Program (ESP®)**

ESP<sup>®</sup> constantly monitors the eCanter's stability with sensors, and provides optimum control of motor output and braking force to each wheel if the risk of skidding or overturning around corners is detected. The system assists drivers in keeping the eCanter stable and avoids the risk of skidding or overturning. An ESP® off switch is also available to disable the system if necessary. The ESP® OFF warning lamp clearly alerts drivers when the system has been disabled or if there is a malfunction. \* ESP<sup>®</sup> is a registered trademark of Daimler AG.

 $\mathsf{ESP}^{\circledast}$  is not a device that enables driving beyond the limit of the vehicle.  $\mathsf{ESP}^{\circledast}$  functions within a range that does not exceed the limit of gripping force of the tires. Drivers must ensure they drive safely by slowing down sufficiently on slippery roads or before corners instead of relying on ESP®

### Lane Departure Warning System (LDWS)

If the eCanter starts to deviate from its lane without using the indicators when driving on highways, a lane recognition camera detects that it is leaving its lane.<sup>\*1</sup> The system<sup>•2</sup> alerts the driver with a warning buzzer and the multi-information display icon in the instrument cluster, urging the driver to drive safely. A warning lamp is also installed to alert the driver when the LDWS off switch is in use or if the LDWS is faulty.

\*1 Can also recognize vellow lines. \*2 Activated at speeds of 60 km/h or higher

LDWS is a driving assist system, which alerts drivers when the vehicle has crossed out of its lane and protecting drivers from falling asleep at the wheel or driving inattentively. The drive assist function may not be available in conditions where the lane markings are obscured due to snow cover, flooding, back lighting, or in poor visibility such as rain or fog. LDWS requires the driver to engage the steering wheel at all times, putting the driver in control with the added reassurance of LDWS.





