

# THE NEXT GENERATION eCANTER

MAKES **E** WORK



 FUSO

01

## AN eCANTER FOR (ALMOST) EVERY JOB.

For inner-city distribution, sometimes more than just one truck body is needed – because there are many different challenges: delivery routes through narrow streets full of parked cars, heavy loads, or particularly for driving in zero emission zones.

THE NEXT GENERATION eCANTER. MAKES **E** WORK.



**FOUR WEIGHT CLASSES:**  
4.25 t | 6.0 t | 7.49 t | 8.55 t



**SIX WHEELBASES:**  
2,500 mm | 2,800 mm  
3,400 mm | 3,850 mm  
4,450 mm | 4,750 mm



**MODULAR BATTERY CONCEPT:**  
SIZE S - 41.3 kW  
SIZE M - 82.6 kW  
SIZE L - 123.9 kW



**TWO CAB VARIANTS:**  
standard (width: 1,695 m)  
comfort (width: 1,995 m)



**RANGE:**  
up to 200 km

02

## KNOWS HOW eMOBILITY WORKS. AND MAKES IT WORK FOR YOU.



**42**  
CONFIGURABLE  
VARIANTS



RANGE:  
**UP TO 200 km**



**MODULAR**  
BATTERY CONCEPT  
S (UP TO 70 km)  
M (UP TO 140 km)  
L (UP TO 200 km)



CHARGING FLEXIBILITY:  
**AC** MAX. 22 kW &  
**DC** MAX. 104 kW



LOAD CAPACITY:  
**UP TO 16**  
EURO PALLETS



EXCEPTIONAL  
**COMPACTNESS**  
FOR EASY MANOEUVRING  
IN TIGHT SPACES



## VERSATILITY. MAKES **E** WORK

### MORE CHOICE. 42 VARIANTS IN TOTAL

With the introduction of the Next Generation eCarter as a series product, FUSO offers an extensive eTruck portfolio, electrifying almost the entire conventional Carter product portfolio.

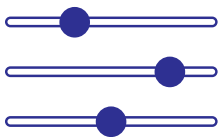
In total the 42 variants are made up of 4 weight classes, 6 wheelbases, 2 cab types and 3 battery pack options. This means that the Next Generation eCarter can not only accommodate a wide range of bodies, but also has a suitable ready-to-go configuration for almost all our customer requirements.

### CANTER GENE. AS BODY-FRIENDLY AS EVER

FUSO offers the Next Generation eCarter with flatbed and tipper factory bodies which are optionally equipped with mechanical power take-offs that easily supply aggregates such as cooling compressors.

### GET FURTHER. UP TO 200 KM RANGE

FUSO equips the Next Generation eCarter with different battery packs. The S battery pack offers a range of up to 70 km per charge. The M pack allows up to 140 km per charge and the L pack up to 200 km.



# 42 CONFIGURABLE VARIANTS



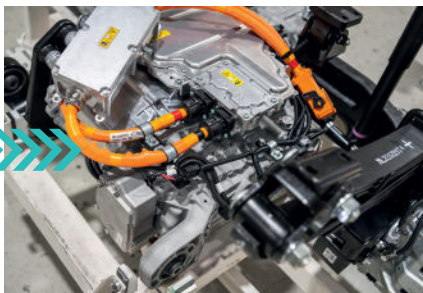


# ELECTRIC DRIVE MODULE. MAKES **E** WORK

## DRIVE UNIT. ELECTRIC AND EFFICIENT.

The Next Generation eCanter has a highly efficient electric drive unit, the EDM (Electric Drive Module). It consists of an eMotor and eAxle:

- New, state-of-the-art eMotor with permanent magnet synchronous drive and water cooling
- Two options:  
129 kW peak / 110 kW cont.  
110 kW peak / 85 kW cont.
- eMotor offers higher maximum torque across the entire speed range when needed, yet is quieter, smoother, with low vibration
- eAxle technology enables a compact driveline with an integrated differential and without a propshaft



## BATTERY PACKS. SMALL, MEDIUM AND LARGE.

FUSO equips the Next Generation eCanter with three different battery pack options, S, M and L:

- LFP (Lithium Iron Phosphate) batteries are less dependent on raw materials such as nickel, cobalt or manganese
- The nominal capacity of the batteries:  
S - 41.3 kWh (up to 70 km range)  
M - 82.6 kWh (up to 140 km range)  
L - 123.9 kWh (up to 200 km range)\*/\*\*
- 94% of nominal battery capacity is usable
- An effective water cooling system always keeps the battery at an optimal temperature and helps to prolong the life span of the battery

## RANGE INCREASE. ACTIVE AND PASSIVE.

The Next Generation eCanter has several functions that help maximise vehicle range:

- Four different 'recuperation mode' levels assist the driver in regenerating braking energy, feeding it back into the battery, extending the vehicle range

## PERFORMANCE IMPROVEMENT PACKAGE

The optional **Special Range Improvement Package** includes:

- Heated windscreen
- Heated steering wheel
- Improved cabin insulation
- Heated driver seat

Using these features, while shutting off regular cabin heating, ensures driver comfort and saves energy, which is then used to increase the range.

\* Range data is based on test results under limited test conditions. Electricity Economy (EE) may vary according to various external conditions such as e.g. loading, driving style, weather, battery age, vehicle options.

Therefore the range is an estimation depending on individual vehicle usage and these external factors. The real range can be below or above the mentioned value.

\*\* Values have been derived under following conditions: Load condition: 50% payload, Body application: Box body, Ambient temperature: 20 °C, average battery age.

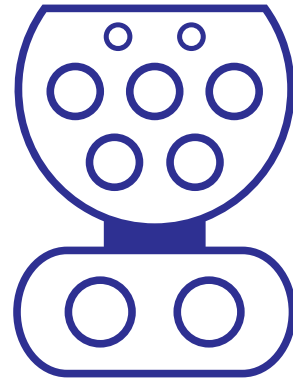


## FLEXIBILITY. MAKES WORK








**CHARGE EVERYWHERE.  
AC AND DC POSSIBLE.**

- Unlike other electric trucks, the Next Generation eCarter is also compatible with the more cost-effective AC (Alternating Current) charging technology and does not necessarily require the more cost-intensive DC (Direct Current) charging station, used for high-performance charging.
- The charging power for AC charging is up to 11 kW (S battery) and up to 22 kW (M and L battery).
- Customers can order the matching Siemens wallbox directly from their FUSO dealer.
- The eCarter's ability to use AC charging increases the usability of the truck due to the fact that AC chargers are available for intermediate charging almost everywhere.



CHARGING FLEXIBILITY:  
**AC MAX. 22 kW &  
DC MAX. 104 kW**

## CHARGING INFRASTRUCTURE\*\*\*

	SIZE S	SIZE M	SIZE L
	41.3 kWh 	82.6 kWh 	123.9 kWh 
 AC	<b>Max. 11 kW</b>	<b>Max. 22 kW</b>	
<b>CHARGING TIME</b>	4 h 12 min	4 h 54 min	6 h 00 min
 DC	<b>70 kW PEAK</b>	<b>104.4 kW PEAK / 70 kW CONT.</b>	
<b>CHARGING TIME</b>	90 % in 36min (up to 70 kW)	90 % in 44 min (up to 104 kW)	90 % in 1 h 15min (up to 104 kW)

\*\*\* The charging time depends on various factors like charging capacity of the vehicle, charging capacity of the charging station, state of charge (SoC) of the battery, ambient and battery temperature. Values are based on internally determined empirical values under optimal condition of 20 °C.

# eCANTER ECOSYSTEM. MAKES **E** WORK



## CHARGING SOLUTIONS

- Charging flexibility: AC max. 22 kW / DC max. 104 kW
- Mode 3 cable (Opportunity Charging)
- AC wallbox (Depot Charging)
- DC infrastructure, provided by partner (Depot Charging)



## INCENTIVE DATABASE

- Subsidies for truck & infrastructure
- Overview on tax & toll exemptions
- City bans
- Support for incentive application process



## FLEET MANAGEMENT INTERFACE

- Flexibility to connect vehicle to fleet management system



## DEPOT ANALYSIS

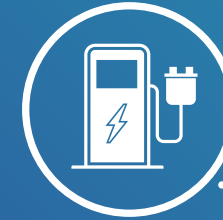
- Comprehensive consulting by partners
- Covering charging infrastructure analysis to implementation



## TOTAL COST OF OWNERSHIP

- Individual analysis of eTruck operation costs

## CHARGING SOLUTIONS



## FLEET MANAGEMENT INTERFACE



## INCENTIVE DATABASE

## DEPOT ANALYSIS



## TOTAL COST OF OWNERSHIP

## ALL-AROUND SERVICE. MAKES **E** WORK

Next Generation eCANTER service contract available to cover all eventualities.



## CABIN INTERIOR CONCEPT

The modern interior design of the Next Generation eCanter is not only of considerably higher quality, but also impresses with a stringent interior concept whose design significantly enhances the vehicle's functionality.

07

## FUNCTIONALITY. MAKES **e** WORK



LED daytime running lights, LED front lights and LED rear lights are standard. The LED headlights are 30% brighter than halogen models and consume less energy. The LED tail lights increase energy efficiency and emphasise a fresh and modern design.



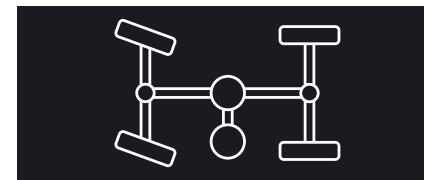
The Next Generation eCanter has a smart key system for improved access and an engine start/stop switch for keyless operation.



The new fully digital IPS LCD instrument cluster provides optimal function overview, including: speedometer, odometer, battery level indicator, recuperation indicator and more.



Finished with high quality leather, orange stitching, and buttons to control the LCD display, the standard multi-function steering wheel is also infinitely adjustable.



The Next Generation eCanter is particularly body-friendly as it can be optionally equipped ex works with mechanical power take-offs that supply units such as cooling compressors or hydraulic pumps.

A 24 V interface is also optionally available.



Four different 'recuperation mode' levels assist the driver in regenerating braking energy, feeding it back into the battery, extending the vehicle range.

# SAFETY. MAKES WORK



## ACOUSTIC VEHICLE ALERT SYSTEM

- When driving slowly or reversing, the Acoustic Vehicle Alert System (AVAS) generates artificial vehicle and warning sounds to alert other road users.



## SAFETY FEATURES

- Standard safety features include: ABS, ESP, as well as Active Brake Assist (emergency braking system), LDWS (Lane Departure Warning System), Active Sideguard Assist (cornering assistant) and driver's airbag.



## ELECTRIC PARKING BRAKE

- The new standard electric parking brake secures the vehicle against rolling away.



## AUTOMATIC LIGHT FUNCTIONS

- The standard auto-light function controls the driving lights depending on the ambient light conditions.
- Also as standard is the camera-based Intelligent High-beam Assist, which automatically controls high or low beams.





# PRODUCT PORTFOLIO

 4.25 T



**NEXT GENERATION eCANTER.  
MAKES *B* WORK IN THE CITY**

110 kW Peak (85 kW Cont.)  
S/M Battery Pack (up to 70 km / 140 km)  
AC: up to 11 kW/22 kW  
DC: up to 70 kW/104 kW  
Wheelbases: 2,500 mm | 2,800 mm | 3,400 mm  
Up to 1,695 kg Chassis Payload  
Standard Cab | Comfort Cab

 6.0 T



**NEXT GENERATION eCANTER.  
MAKES *B* WORK FOR SPECIAL USE**

110 kW Peak (85 kW Cont.)  
S/M Battery Pack (up to 70 km / 140 km)  
AC: up to 11 kW/22 kW  
DC: up to 70 kW/104 kW  
Wheelbases: 2,500 mm | 2,800 mm | 3,400 mm  
Up to 3,445 kg Chassis Payload  
Standard Cab

 7.49 T



**NEXT GENERATION eCANTER.  
MAKES *B* WORK EVERY DAY**

129 kW Peak (110 kW Cont.)  
M/L Battery Pack (up to 140 km / 200 km)  
AC: up to 22 kW  
DC: up to 104 kW  
Wheelbases: 3,400 mm | 3,850 mm | 4,450 mm | 4,750 mm  
Up to 3,700 kg Chassis Payload  
Comfort Cab

 8.55 T

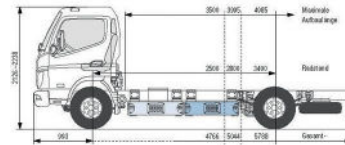
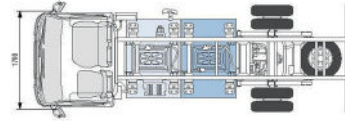


**NEXT GENERATION eCANTER.  
MAKES *B* WORK WHEN THINGS GET TOUGH**

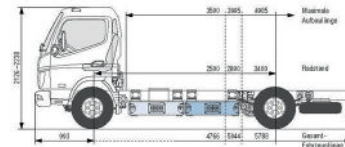
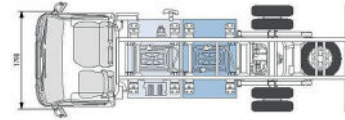
129 kW Peak (110 kW Cont.)  
M/L Battery Pack (up to 140 km / 200 km)  
AC: up to 22 kW  
DC: up to 104 kW  
Wheelbases: 3,400 mm | 3,850 mm | 4,450 mm | 4,750 mm  
Up to 5,100 kg Chassis Payload  
Comfort Cab

# TECHNICAL DATA

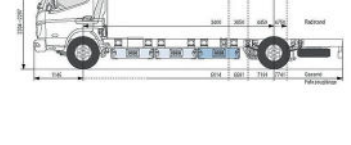
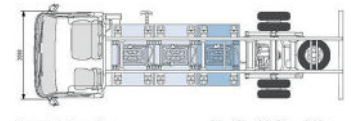
eCANTER 4.25T	4S15e				4C15e		
	Standard (1.7 m)				Comfort (2.0 m)		
Cabin	Standard (1.7 m)				Comfort (2.0 m)		
Cabin type/seats	Single / 3				Single / 3		
Battery Options	S (41.3 kW)	S (41.3 kW)	S (41.3 kW)	M (82.6 kW)	S (41.3 kW)	S (41.3 kW)	M (82.6 kW)
Charging Capacity AC (Slow Charging)	Max. 11 kW	Max. 11 kW	Max. 11 kW	Max. 22 kW	Max. 11 kW	Max. 11 kW	Max. 22 kW
Charging Capacity DC (Fast Charging)	Max. 70 kW	Max. 70 kW	Max. 70 kW	Max. 104 kW	Max. 70 kW	Max. 70 kW	Max. 104 kW
Wheelbase (mm)	2,500	2,800	3,400	3,400	2,800	3,400	3,400
Chassis Payload (kg)	1,695	1,690	1,670	1,190	1,550	1,530	1,060
Maximum Body Length	3,500	3,995	4,985	4,985	3,995	4,985	4,985
Axle Loads (front / rear)	2,600 / 4,500				2,600 / 4,500		
Power	110 kW max. (85 kW cont.)				110 kW max. (85 kW cont.)		
Minimum Turning Circle (wall to wall)	10.8	12	14	14	11.6	11.6	13.4



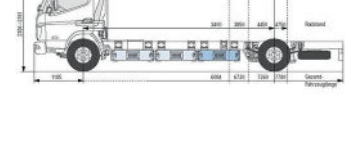
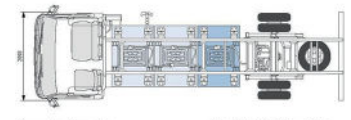
eCANTER 6.0T	6S15e			
	Standard (1.7 m)			
Cabin	Standard (1.7 m)			
Cabin type/seats	Single / 3			
Battery Options	S (41.3 kW)	S (41.3 kW)	S (41.3 kW)	M (82.6 kW)
Charging Capacity AC (Slow Charging)	Max. 11 kW	Max. 11 kW	Max. 11 kW	Max. 22 kW
Charging Capacity DC (Fast Charging)	Max. 70 kW	Max. 70 kW	Max. 70 kW	Max. 104 kW
Wheelbase (mm)	2,500	2,800	3,400	3,400
Chassis Payload (kg)	3,445	3,440	3,420	2,930
Maximum Body Length	3,500	3,995	4,985	4,985
Axle Loads (front / rear)	2,600 / 4,500			
Power	110 kW max. (85 kW cont.)			
Minimum Turning Circle (wall to wall)	10.8	12	14	14



eCANTER 7.49T	7C18e					
	Comfort (2.0 m)					
Cabin	Comfort (2.0 m)					
Cabin type/seats	Single / 3					
Battery Options	M (82.6 kW)	M (82.6 kW)	M (82.6 kW)	L (123.9 kW)	M (82.6 kW)	L (123.9 kW)
Charging Capacity AC (Slow Charging)	Max. 22 kW	Max. 22 kW	Max. 22 kW	Max. 22 kW	Max. 22 kW	Max. 22 kW
Charging Capacity DC (Fast Charging)	Max. 104 kW	Max. 104 kW	Max. 104 kW	Max. 104 kW	Max. 104 kW	Max. 104 kW
Wheelbase (mm)	3,400	3,850	4,450	4,450	4,750	4,750
Chassis Payload (kg)	4,210	4,185	4,170	3,650	4,110	3,660
Maximum Body Length	4,985	5,728	6,718	6,718	7,213	7,213
Axle Loads (front / rear)	3,100 / 5,990					
Power	129 kW max. (110 kW cont.)					
Minimum Turning Circle (wall to wall)	14.4	16	18.0	18	19	19



eCANTER 8.55T	9C18e					
	Comfort (2.0 m)					
Cabin	Comfort (2.0 m)					
Cabin type/seats	Single / 3					
Battery Options	M (82.6 kW)	M (82.6 kW)	M (82.6 kW)	L (123.9 kW)	M (82.6 kW)	L (123.9 kW)
Charging Capacity AC (Slow Charging)	Max. 22 kW	Max. 22 kW	Max. 22 kW	Max. 22 kW	Max. 22 kW	Max. 22 kW
Charging Capacity DC (Fast Charging)	Max. 104 kW	Max. 104 kW	Max. 104 kW	Max. 104 kW	Max. 104 kW	Max. 104 kW
Wheelbase (mm)	3,400	3,850	4,450	4,450	4,750	4,750
Chassis Payload (kg)	5,155	5,100	5,075	4,645	5,015	4,615
Maximum Body Length	4,985	5,728	6,718	6,718	7,213	7,213
Axle Loads (front / rear)	3,400 / 5,990					
Power	129 kW max. (110 kW cont.)					
Minimum Turning Circle (wall to wall)	14.4	16	18.0	18	19	19





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