

Metro 21.5KWh

Basic Information	
Vehicle Size: LxWxH (mm)	3910x1400x1905
Wheelbase (mm)	1800
Tread (Front/Rear) (mm)	1095/1110
Front/Rear Suspension (mm)	1125/985
Curb Weight (kg)	900
Gross Weight (kg)	1680
Payload (kg)	500
Min. Turning Radius (m)	4.2
Min. Ground Clearance (mm)	160
Approach/Departure Angle (°)	15/25

Motor Performance	
Motor Type	Permanent Magnet Synchronous
Max. Speed (km/h)	85
0-50km/h Acceleration Time (s)	<15s
Max. Range of Pure Electricity (km)	180
Slope Climbing Requirement	20%
Rated/Peak Torque (N·m)	25/105

Charging System	
Battery Storage (KWh)	21.5
Battery Type	LFP
System Voltage (V)	89.6
Rated/Peak Power (KW)	12/25
Charging Time (h)	4

Configuration	
Motor Drive Mode	Straight Gear Reducer Drive
Body Structure	Fringe-Beam Frame
Front/Rear Suspension Type	Independent/Dependent Suspension
Front/Rear Brake Type	Disc/Disc
Airbag	Only Driver Seat Has
Safety Belt Warning	●
Central Lock	●
Rear View Camera	●
Reversing Buzzer	●
Ramp Control Device	●
EPS	●
Electric Vacuum Assisted Braking System	●
ABS	●
Roof Armrest	●
PVC Seat	●
7inch Intelligence Display Screen	●
Headlamp	●
Front Position Lamp	●
Air-conditioner	●
Electric Wiper	●
Car Windows	Manual Control
Tyre	175/65/R14
Steering Wheel	PU
Door Handle	Black
Rear View Mirror	Black
Loudspeaker	2



METRO

EQUIPMENT & ACCESSORIES

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Standard Equipment*		Accessories & Special Equipment*
14" steel wheels, for 175/65 R14 82T tires		LED beacon light
Various storage compartments, sun visor, cup holder		Fixed towing coupling with tow ball
Floor mat		Detachable towing coupling with tow ball or tow jaw**
Multifunction touchscreen with radio, mirrorlink, USB port and Bluetooth® hands-free		Wrapping, plain / customised
Adjustable seats with integrated headrest		Aluminium toolbox
Regenerative braking		14" alloy rims, black
12 V power connection	Reversing camera	All-season complete wheels, steel / Alu
ABS	Reversing alarm	Mud complete wheels, steel / aluminium
Power steering	Central locking	Winter complete wheels, steel / aluminium
Databox	Seat coverings	Warning marking according to DIN 30170
Changeable bodies	Hot air fan	

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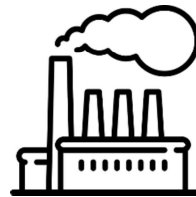
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METRO

AREAS OF APPLICATION/SECTORSTECHNISCHE DATEN

EFFICIENT. QUIET. ECONOMIC. NETWORKED.

Whether indoors, outdoors or in light terrain - our electric transporter can be used in many areas and can be even more efficient on the road with clever connectivity solutions.



Cities and municipalities	Industry and intralogistics	Craft and Facility-Management	Food Trade
District offices (administration, post office)	Factory site	Technical craft	Super markets
Public utilities	Industrial parks	Chimney sweeper	Organic stores
Disposal	Company site	Painters distribution	Bakery
Hospitals / Clinics	Warehouses	Electrical Engineer	Butcher shop
Universities / Schools	Production halls	Facility-Management	
Cemeteries	Industrial parks	Janitorial service	
	Ports		



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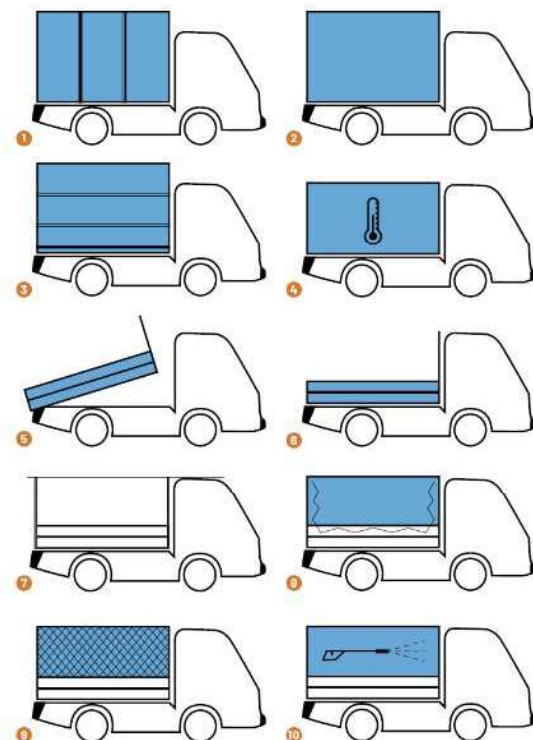
BODIES

AS DIVERSE AS YOUR BUSINESS.

The Cenntro Metro stands for practicality, versatility and flexibility. The vehicle can be converted from an electric utility vehicle with flatbed to a closed van with box body in just a few minutes, so the Metro can be used for many different applications.

Which structure do you need? Standard or individual? We support you in planning according to your needs. Currently our Metro is available with two different superstructures .

1. box bodies (L, XL, XXL) with sliding doors
2. box bodies (L, XL) with doors
3. box bodies (L, XL, XXL) with tarpaulin roller blinds
4. Isothermal structure
5. Tipper, rear or 3 sides
6. Flatbed
7. Transport rack
8. Tarpaulin frame with tarpaulin white or colored **
or with self-rolling tarpaulin white or colored **
9. Leaf lattice **
10. Surface cleaning and disinfection setup
11. Individual superstructures





METRO

TIPPER

JUST DUMP IT.

- Electro-hydraulic cylinder
- Strong and reliable
- Recessed lashing lugs
- Cabin guard with ladder attachment
- Ideal for transporting and unloading bulk and heavy materials.



Specifications Tipper*

Dimension (L x W x H):	2300 x 1400 x 350 mm
Lashing Lugs:	4
Height tailgate:	35 cm
Expandable flatbed:	yes
Back panel:	swinging and folding
Side panel:	foldable



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FLATBED

EXPANDABLE MULTITALENT.

- 18 mm screen printing plate,
- Drop sides can be folded down and unhooked within seconds if required
- Loading area with four mounted lashing rings
- Stainless steel hinge pin and pivot bearing
- Integrated fixing points on the hinge pins,
- Tarpaulin hooks on the side walls
- Extendable with leaf grille or tarpaulin



Specifications Flatbed*

Dimension (L x W x H):	2270 x 1400 x 1140 mm
loading dimension (LxWxH):	2200 x 1350 x 350 mm
Flatbed materials:	Aluminum
Bed plate:	18 mm durably faced plywood panel BFU 100 weatherproof
Lashing rings:	4
Side panel thickness:	25 mm
Hinges:	Stainless steel with integrated support for securing loads
Side panel height:	35 cm
Expandable flatbed:	yes



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FLATBED WITH LEAF LATTICE/TARPAULIN SUPERSTRUCTURE

LEAF LATTICE CONSTRUCTION.

- Net made of plastic, tightening, easy to loosen and remove



TARPAULIN WITH HOOP STRUCTURE.

- Weather-protected transport of goods and bulky goods
- Tarpaulin made of PVC/PES fabric with centrifugal closure



Specifications flatbed with leaf grid *

Flatbed with leaf grid dimension (LxWxH)	2270 x 1400 x 1210 mm
Flatbed with leaf grid loading dimension (LxWxH)	2200 x 1350 x 1140 mm
Leaf grid material:	net of synthetic thread, tightly stretched

Specifications Tarpaulin structure *

Flatbed with tarpaulin body, dimension (LxWxH):	2270 x 1400 x 1300 mm
Flatbed with tarpaulin body, loading dimension (LxWxH):	2200 x 1350 x 1140 mm
Tarpaulin material:	PVC/PES fabric
Quality:	680g/m ²
Colour:	RAL 9010 white or coloured
Openings:	Sling locks

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CARGO BOX WITH DOORS

THAT'S HOW BIG SMALL CAN BE.

- Flat Loading Area
- Lockable doors
- Aluminium Body with GRP Sandwich Panels
- Up to 4.5 m³ loading volume
- Lashing eyes for load securing



Specifications Box*	L	XL
Dimension (L x W x H):	2300 x 1400 x 1200 mm	2300 x 1450 x 1520 mm
Cargo Volume:	3,5 m ³	4,5 m ³
Number of doors:		3
Door locking:	One-handed espagnolette	

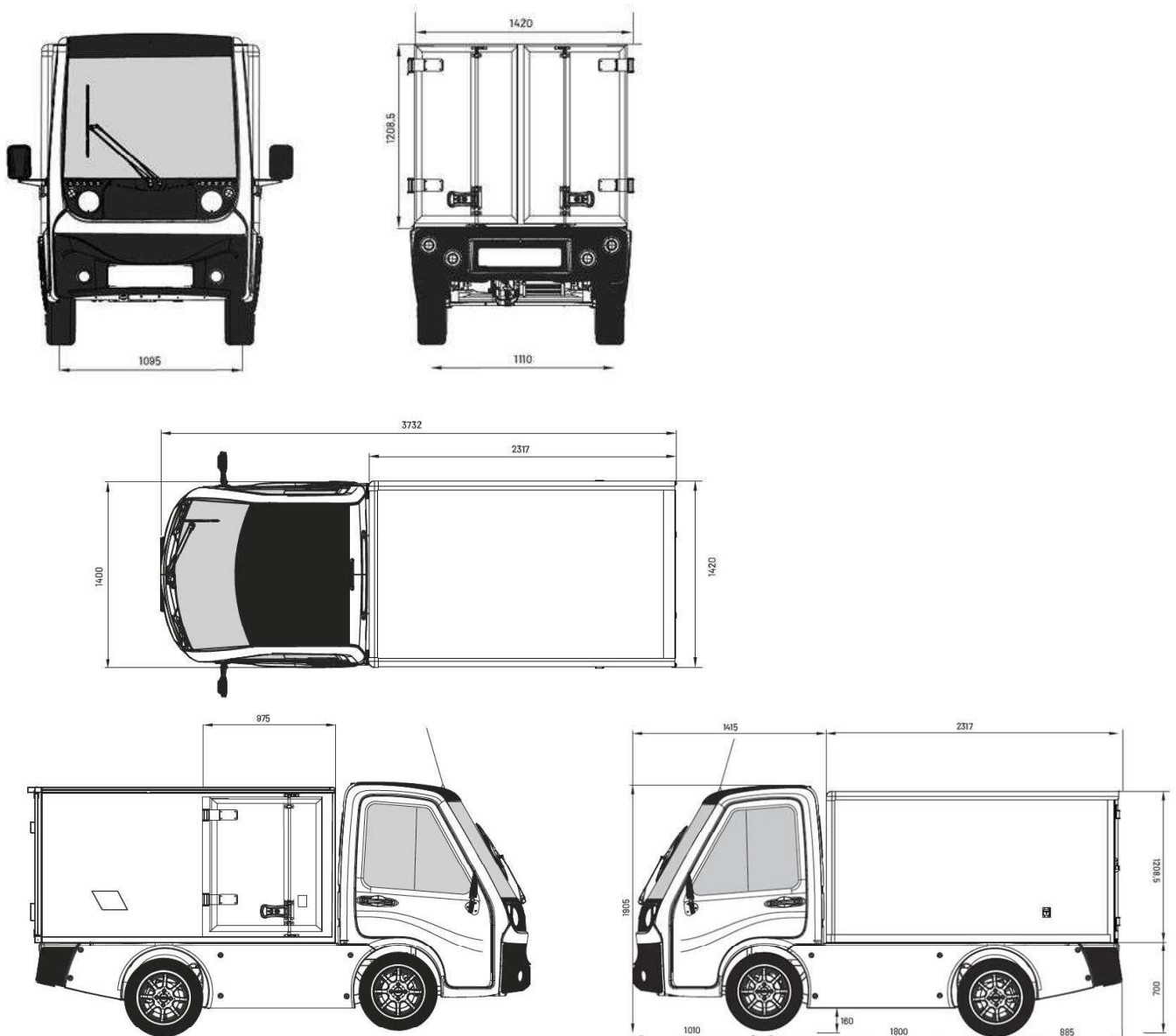
* Technical as well as equipment changes are reserved. All information on CENNTRO products corresponds to the status on the day of publication. Errors are expressly reserved.



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ENGINEERING DRAWINGS – CARGO WITH DOORS L



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CARGO BOX WITH SLIDING DOORS

EASY ACCESS TO PACKAGES AND TRANSPORT CONTAINERS.

- Flat loading area
- Lockable doors
- Aluminium Body with GRP Sandwich Panels
- Doors can be pushed together to a third of the area
- Doors can be opened from both sides
- Up to 5 m³ loading volume
- The interior can be customised



Specifications Box*	XL	XXL
Dimension (L x W x H):	2300 x 1500 x 1450 mm	2300 x 1500 x 1630 mm
Number of doors:	3-part sliding doors on both sides	
Frame construction:	Aluminium	
Bed plate:	Screen printing plate	
Side panel:	3-part sliding door system on the right and left	
Shelf installation:	Aluminium	

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CARGO BOX WITH TARPAULIN ROLLER BLIND

LOAD OVER THE FULL WIDTH.

- Flat loading area
- Lockable roller blind
- Aluminium Body with GRP Sandwich Panels
- Optionally also with doors at the rear
- Up to 4.5 m³ loading volume
- The interior can be customised



Specifications Box *	XL	XXL
Dimension (L x W x H):	2300 x 1400 x 1450 mm	2300 x 1400 x 1630 mm
Frame construction:	Aluminium	
Bed plate:	Screen printing plate	
Side panel:	Right and left tarpaulin roller blind construction	
Shelf installation:	Aluminium	

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CARGO BOX WITH COOLING (FREEZE AND FRESH SERVICE)

FULLY ELECTRIC BATTERY POWERED REFRIGERATION UNIT

- FEATURES AND ADVANTAGES

- Constant cooling performance fully independent from vehicle
- Lightweight and compact cooling modules
- Emission-free and quiet: enables night delivery and access in all environmental zones
- Tracking (optional)
- Low maintenance costs: no moving parts inside the cooling unit

- INDEPENDENT LITHIUM BATTERY

- Situated in the condensator of the external unit
- **Long battery life: autonomy 6-8 hours**, depending on operating conditions, technical life 5 years
- Charge during evening and pre-cool the box (at same time)
- **Solar panels (optional):** generates 10-20 Amp of the unit (30-40% of the performance)

- COOLING AND CHARGING

- Temperature range freezing: up to -20°C
- Temperature range fresh service: up to +25°C
- Stand cooling – electricity network 230V 1Ph.
- Refrigerant R452A, Refrigerant filling 1,3 kg



SPECIFICATIONS

CONDENSER UNIT	<ul style="list-style-type: none"> ▪ Height 120 mm, Width 400 mm, Depth 750 mm, Weight: 6 kg
COMPRESSOR UNIT	<ul style="list-style-type: none"> ▪ Height 300 mm, Width 300 mm, Depth 250 mm, Weight: 14 kg
EVAPORATOR	<ul style="list-style-type: none"> ▪ Height 170 mm, Width 800 mm, Depth 650 mm, Weight: 12 kg ▪ Air flow: 1800 m³/h
EXTERNAL BATTERY	<ul style="list-style-type: none"> ▪ Independent 24V lithium battery for cooling ▪ 5.5 KW, 1.200 charge cycles, Weight: 30 kg ▪ Charging time standard: 7 hours (fast charging optional: 4 hours)