

METRO

THE COMPACT ALL-ELECTRIC UTILITY VEHICLE
FOR URBAN LOGISTICS AND URBAN SERVICES







You might ask

why Metro is the most practical and energy efficient multipurpose All-Electric Compact commercial utility vehicle on the market?

Since its inception, our *Metro* designers, the world renowned German automobile engineering firm Magna Steyr, focused on a design that would combine high efficiency, practicality, and safety in a stylish, feature rich utility vehicle. Its standard features far exceed fully optioned versions from its competitors yet is as sturdy as they come. The *Metro's* electric powertrain provides best-in-class range and performance in a nearly maintenance free vehicle.

With multiple cargo bed configuration options, superior performance and exceptional urban range, *Metro* meets the diverse needs of enterprises of all kinds.



Durable

The *Metro's* durability and dependability far exceeds our end users' needs and expectations which means it will be on the job at all times.

The lightweight and sturdy body design give the *Metro* its superior power and superb power-to-weight ratio that yields exceptional payload capacity and performance. With a sturdy steel chassis and a corrosion resistant body, the *Metro* will deliver.

Rigorously crash tested to meet or exceed European standards, the *Metro* can be deployed day after day with confidence.



Safe

The *Metro's* components and design were repeatedly tested, refined, and retested in computer simulations and real world crash tests.

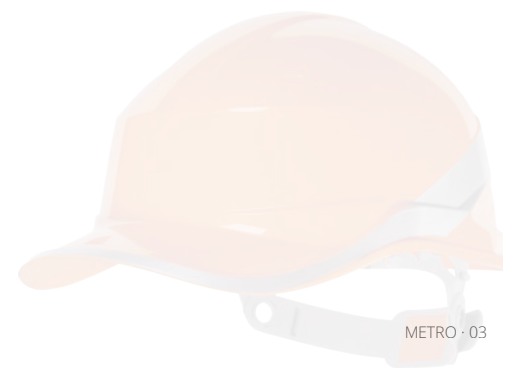
The *Metro* is equipped with four-wheel disc brakes which provide consistent braking and the shortest braking distance of any production NEV/LSV/CUV. The *Metro's* battery pack, located at the bottom of the vehicle, makes the center of gravity lower than any other similar trucks in its class. This low center of gravity reduces the risk of rollover during emergency maneuvers.

The unique steel reinforced cabin structure helps prevent deformation of the passenger compartment in the event of a collision.



Protective

The *Metro* designers added additional frame reinforcement points in various critical locations, optimizing stability and giving it predictable road handling. During an unforeseen impact, the impact energy is reduced and evenly distributed in *Metro's* longitudinal and transverse steel beams, keeping footwell damage to a minimum.





Flexible

With its slim dimensions, short turning radius and generous cargo capacity, the *Metro* meet the needs of urban logistics delivery operations. In a suburban environment, the *Metro* can become a compact utility truck, equipment carrier, park patrol vehicle, personnel carrier or hauling materials on the job site. The *Metro* is equipped with plenty of power and functionality to ensure a successful completion of daily projects. It comes with a variety of up-fits and battery configurations to meet most needs. The multifunctional *Metro* is the most versatile, practical and comfortable compact utility electric truck in its class.

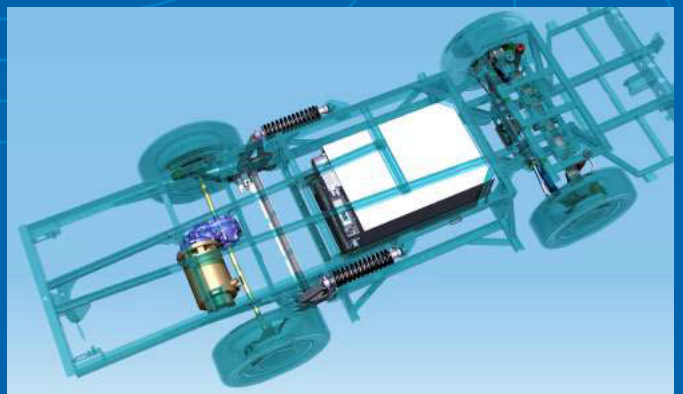
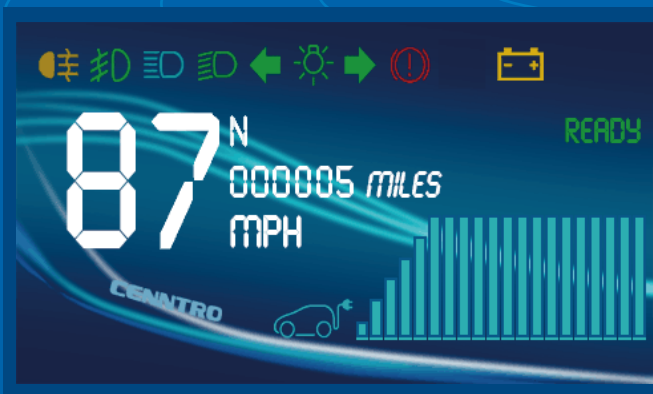
Efficient

Unlike other cars or trucks converted from gas or diesel platform that is cumbersome to operate, the *Metro's* lightweight and aerodynamic body style were designed and built from the ground up. The *Metro* chassis was CAD designed not only to be lightweight but also durable and rigid to provide the utmost protection for the occupants.



Smart

The *Metro* comes with a built-in intelligence which features an advanced self-diagnostics system. This integrated system manages the CAN bus vehicle operating system and the battery management system which automatically detects defective components. The integrated system can automatically isolate internal issues, and notify the operator to prevent sudden failure. The advanced State of Charge (SOC) algorithms featured in the *Metro's* battery management system gives the operator a precise range calculation, thus reducing operator's range anxiety. The *Metro* can be equipped with state of the art telematics for vehicle tracking and vehicle monitoring to collect vehicle uptime performance data. This feature can efficiently help fleet operators reduce downtime by performing manufacturers' suggested maintenance in advance to prevent equipment failure.



Ready to Work, Day in and Day out

Distinctive styling, roomy interior, spacious cargo area, leading performance and high energy efficiency set the Metro apart.

Superb driver visibility for a safe driving experience.

AM FM USB Bluetooth Stereo
Hands free phone
Back up camera



Electric Power Steering



Stylish 14" Alloy Wheels



Versatile and Robust

The *Metro* offers an ideal solution for light urban deliveries, maintenance needs, warehouse transport and other diverse applications such as campus, parks, resorts, and industrial facilities.

For city use, the *Metro* is perfect for city deliveries, street vending, and maintenance crews.



Lightweight composite ABS material, durable, dent resistant, and fade resistance.



Durable light-weight steel chassis with high-quality steel frame.

A product of Germany engineering, with American innovation.

Chassis

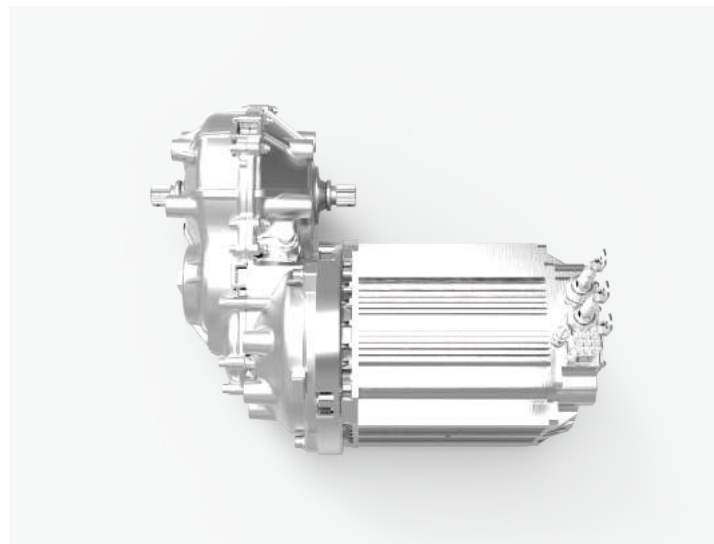
The *Metro's* frame is engineered to be lightweight with high lateral, longitudinal and torsional stiffness. It has reinforced structural features in critical areas to protect both of the passengers from injury and the batteries from damaging. The *Metro's* crash test results exceed the stringent European Safety Standards and the crash testing requirements. The chassis is designed to accommodate a variety of payload with up-fits ranging from the basic flat bed to a refrigerated cargo box or even a parking lot sweeper.

Suspension

From its first concept, the *Metro* was designed by Magna Steyer's German engineers with a proprietary frame and suspension system. With its unique transverse rear suspension, precise shock calibration and progressive wound springs, the *Metro's* ride are smooth, giving the operator confidence and sure-footed handling in all driving conditions. Even though the *Metro* is small and lightweight, it handles with high confidence once you are behind the steering wheel. The *Metro* is equipped with standard electric power steering and four-wheel disk brakes.

Drive System

Cenntro has developed the *Metro's* proprietary high efficiency heavy-duty drive system. These components include the drive motor, motor controller, gearbox, battery management system and vehicle management system. Our proprietary system can be customized and tailored to our customers' needs such as longer range, higher or lower speed limits, and additional payload capacity.





New Material

The *Metro's* body panels are made of ABS polymer. ABS polymer has a much higher melting point than PLA plastic. ABS polymer is also stronger and harder. Because of these particular features, ABS is widely used for a variety of products ranging from car bumpers and motorcycle helmets to golf clubs and Lego blocks. This material alone gives the *Metro* advantages over other vehicles superior safety, durability, fatigue resistance, and corrosion resistance. Not only does ABS reduce weight, but it also saves material cost and handling.

In all, the *Metro* has a very simple production process where various traditional auto manufacturing equipment is not needed such as stamping, welding, painting, and other high energy consumption assembly processes associated with manufacturing a vehicle.

The overall dry weight of the *Metro* comes in at an astonishing 575 kg, 1,267 lbs (excluding batteries). It is the lightest vehicle in its class.

Low-Cost Maintenance

The *Metro's* low-cost maintenance and operation cost can be 1/12th of the expense compared to other vehicles in its class.

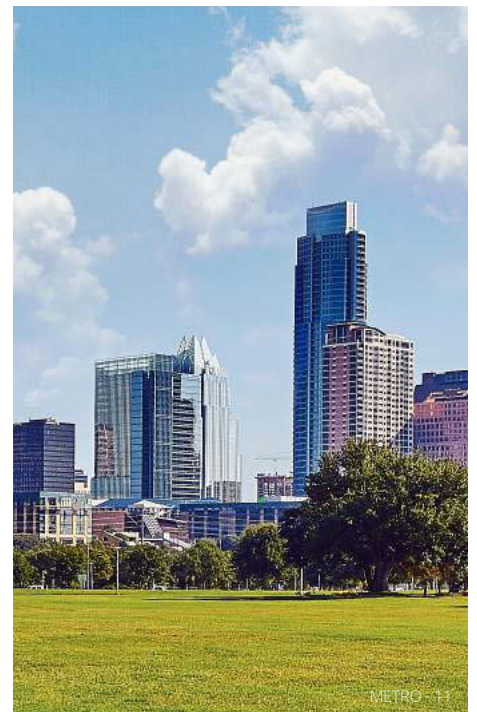
The *Metro* drivetrain is very simple. It has no transmission, engine, cooling system or fuel system, which means it does not require coolant, engine oil and transmission fluid to service nor filters and belts to replace. Along with its low-cost operational savings, the *Metro's* modular system design provides ease of access and simplifies maintenance, repair and component replacement time.





Wide Range of Applications

The *Metro* is a multi-function Compact Utility Vehicle focused on the last mile of the urban logistics such as door to door postal delivery, Less-Than-Truckload delivery, and other citywide distribution and transportation service. The *Metro* can also serve municipal agencies, corporate facilities, school campuses, maintenance crews, first responders and security patrols.



Standard Features

Ignition Key	Central Locking System	Back Up Camera	Glove Box
Onboard Diagnostics	AM FM Bluetooth USB Stereo	Cabin Heater	Windshield Defroster
Seat with Headrest	12-volt Power Outlet	Cup Holder	Electrical Power Steering
Power Brakes	Overhead Storage	Dome Light	Sun Visors
Windshield Wiper	Locking Cabin Doors		

Optional Features

Navigation	Extended range battery packs	Extended Life and Range with Lithium Battery Pack
Electric Dump Bed	Exterior Work Lights	Emergency Caution Light Package
Reverse Buzzer	Refrigerated Cargo Box	Law Enforcement/Security Package
Telematics		

Color Options



White



Red



Silver



Blue

Cargo Options



Specifications

MODEL NAME **METRO**

CLASS **NEV (On-Road) NEV (Off-Road)**

BASIC

Dimensions	145.7 x55.1x75 in	
Payload Capacity*	700 lbs	1100lbs
Cargo Volume	5.5 cu yds	
Curb Weight	2000 lbs	



PERFORMANCE

Max Speed**	25 mph	35 mph
Range	50 mi	
Turning Radius	157 in	
Gradeability	20%	
Acceleration	0-20 mph in under 6 s	
Braking distance	25-0 mph in 25 ft	



SYSTEM

Battery Type	Lead Acid	Nominal Power	10 kW
Operating Voltage	72 VDC	Peak Power	24 kW
Charge Time	8-10 h (110 volt input)		

CHASSIS

Drive	2WD Rear
Front Suspension	Leaf Spring Independent
Rear Suspension	Transverse Coil-over Shock Independent
Brakes	Four Wheel Disc
Tires	175/65R14 Radial
Bodywork	Reinforced ABS

* Based on basic box model and normal driving condition.

** Max Speed is set by state regulation for Neighborhood Electric Vehicles. It is 25 mph in most states, 35 mph in MT and RI, and no max speed in ID, MI, TE, UT and WV. If you are using the vehicle in any of these states, we can set max speed to be 35 mph.

CENNTRO | METRO

NEW CUSTOMER ORDER FORM QUOTATION AND CREDIT APPLICATION

Note:

Non-Franchise applicants may be required to provide pictures of interior & exterior of building.
Email photos to info@cenntroauto.com Only send 1 or 2 pictures per email to ensure delivery.

For Office Use Only

Dealer# _____

Credit Application

New Existing

PHONE _____

FAX _____

LEGAL BUSINESS NAME _____

D.B.A _____

BILLING ADDRESS _____

CITY _____ STATE _____ ZIP _____ COUNTY _____

SHIPPING ADDRESS (IF DIFFERENT) _____

CITY _____ STATE _____ ZIP _____ COUNTY _____

FEDERAL TAX (EIN) # _____

FEDERAL TAX (EIN) # _____

YEARS IN BUSINESS _____

WEBSITE _____

BUSINESS HOURS: MONDAY TO FRIDAY _____ TO _____

STA/SUN _____ TO _____

FRANCHISED DEALER FOR: METRO / OTHER _____

TYPE OF OWNERSHIP: INDIVIDUAL / PARTNERSHIP / CORPORATION (CIRCLE ONE)

BILLING TERMS REQUESTED: NET 30 / CREDIT CARD (CIRCLE ONE)

OWNER/PARTNER(S) INFO (IF APPLICABLE)

NAME _____

HOME PHONE# _____

HOME ADDRESS _____

CITY _____ STATE _____ ZIP _____

NAME _____

HOME PHONE# _____

HOME ADDRESS _____

CITY _____ STATE _____ ZIP _____

NAME _____

HOME PHONE# _____

HOME ADDRESS _____

CITY _____ STATE _____ ZIP _____

DO THE OWNER/S OWN OTHER BUSINESS IN THE AUTO OR RELATED INDUSTRY? YES / NO (CIRCLE ONE)

BUSINESS NAME _____

PHONE# _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

BUSINESS NAME _____

PHONE# _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

LIST CONTACTS FOR CENNTRO DEALER ACCOUNT

SALES CONTACT _____

EMAIL ADDRESS _____

STORE MANAGER _____

EMAIL ADDRESS _____

PARTS MANAGER _____

EMAIL ADDRESS _____

ACCOUNTS PAYABLE _____

EMAIL ADDRESS _____

PHONE _____

FAX _____

BUSINESS/SUPPLIER REFERENCES _____

NAME _____

DEALER# _____

TERMS _____

NAME _____

DEALER# _____

TERMS _____

NAME _____

DEALER# _____

TERMS _____

QUOTATION INFORMATION

Model requested _____

Number of vehicles needed estimate _____

METRO Configurations _____

Flat Bed _____ Pick Up Bed _____ Cargo Box _____ Other _____

