



Made in Germany



**L CITY**



*Your business partner*

# A NEW GENERATION OF ELECTRIC VEHICLES



**L CITY** is a new generation of universal, multifunctional urban electric vehicle for the needs of your business. It combines practicality, economy and is in full sync with the modern environmental standards.

The modular concept of the **L CITY** platform is the ideal assistant for businesses in industry, trade and tourism, as well as for the public sector.

Created as a universal tool for foreign countries, **L CITY** is the most efficient, economical and environmentally friendly solution for the widest possible variety of businesses.



100% electric



up to 400 km



up to 1000 kg



# THE UNIQUE CONSTRUCTION

of *L CITY* allows easy change in the functionality of electric vehicles.

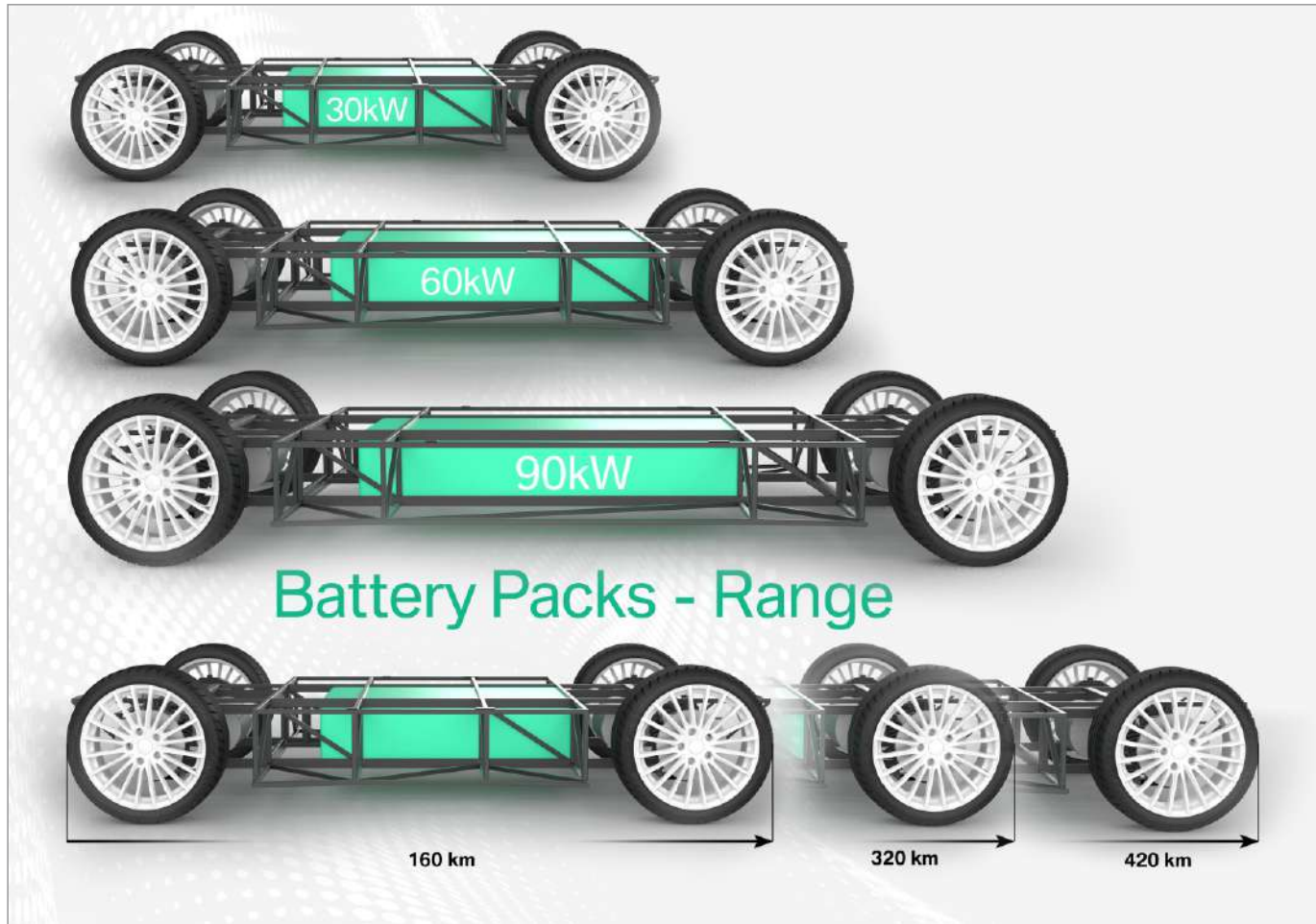
The multifunctional platform is unique in its appearance, without an equivalent worldwide, protected by a patent.

The construction of the platform allows to be upgraded and modified according to the needs of different customers at any time.

The use of standard steering, pedals and seat control is intended to be replaced by autonomous steering.

The platform could be configured with different types of engines and coupes, according to the customer's needs, e.g. from 2 to 9 passenger seats.

All this gives the uniqueness of the so-called *L CITY platform*.



The batteries are located in the floor of the platform, which allows the use of various sets of batteries that can provide the customer up to 420 km range, if necessary.

We have developed a system for quick battery replacement, called *L City Battery Swap System*, which is needed in the presence of a vehicle fleet and continuous use of electric vehicles.

# ENERGY SYSTEM



L CITY Energy Storage

The specifics of the construction of the **L CITY** battery are totally different from other vehicle brands. Thanks to its construction, we have the opportunity to buy back the battery and recycle it.

After testing the old cells, those with reduced capacity, could be used to build stationary modules for storing electricity - **L CITY** Energy Storage.

Their potential use is in the electricity management system in the home, office and industry. The stationary battery stores energy charged during the day from solar panels in order to be used during the night.

**L CITY** offers a unique energy system in terms of battery and its components:

- 10 year full warranty (approximately 2000 full cycles = 80% residual capacity)
- 2 models of replaceable batteries - 30 kW and 60 kW
- Buy back of the battery with the possibility of replacing it with a new or larger one
- Construction of stationary energy systems (Energy Storage) for home and office needs with new or buy backed batteries



# OPTIMAL MODULAR STRUCTURE

On the top of the standard platform is located the modular structure, which can be customized for various applications. This includes different configurations for the passenger and freight compartments.

Sun



Bus



S - series

M - series

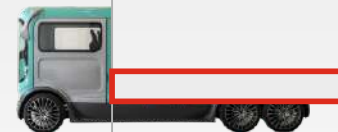
L - series

XL - series

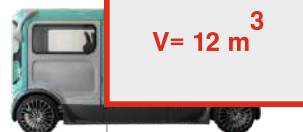
Carrier



Pickup



Koffer



$$V = 7,5 \text{ m}^3$$

$$V = 12 \text{ m}^3$$

$$V = 10,5 \text{ m}^3$$

$$V = 16 \text{ m}^3$$

2,5 m

3 m

3,5 m

4 m



# „GREEN” MOTION SYSTEM

Urbanization in large cities leads to a growing need for a "green" traffic system, especially in central urban areas, where *L City* finds its best application.



Service of resorts and hotels

*L City* is an effective solution for the requirements of hotels and all kinds of tourist facilities.

Electric vehicles facilitate and speed up the various activities that a hotel has to do on a daily basis.



Tourist walks around the city

*L City Sun* are environmentally friendly vehicles specially designed for visiting tourist attractions and landmarks.

The electric vehicles are silent and have an open platform, which allows tourists to enjoy the natural sounds and sensations of the places they visit.



Airport service

The most common airport activities are the transport of luggage, goods and equipment as well as track maintenance - all these operations could be performed perfectly with the help of *L City*.

# SPECIALIZED MODULES



## Courier and logistics services

Special range of models developed for the courier, express and parcel services.

The *L City*, designed specially for this type of business, allows side and rear opening with sliding doors, which makes it convenient as much as possible for the personnel.



## Delivery of medicines and food

With their special equipment, *L City* refrigerated vans are one of the best solutions for transporting perishable products such as medicines and fresh food.

We offer a solution for dividing the freight compartment in a air-conditioned one and non-air-conditioned one, which increases efficiency many times over.

The energy needed for cooling is provided by the extra capacity of the battery so as to maintain the required range.



## Landscaping and waste disposal companies

Gardening or landscaping in parks or nature reserves? *L City* is the ideal solution - quiet and no harmful emissions.

Depending on the type of the loads, we offer models from an open platform to a dump truck for bulk loads.

# IMPROVED BODY CONCEPT



## ADAPTABILITY

In addition, each panel could be opened one (door) or permanently mounted, also partially or fully glazed. This drastically reduces production costs, facilitates the maintenance of spare parts in stock and their replacement.



## TRANSFORMABILITY

The main components of the platform are easily replaceable in case there is a better technical solution for the future. We have also planned the possibility of replacing the overall vision by replacing all the external panels of the vehicle.



## INTERCHANGEABILITY

The hood, doors, bumpers and roof are made by thermo-vacuum molding of UV-protected, pre-painted ABS panels. They are not only resistant to scratches and usage, but also are easy to install and replace, and the mirror principle allows interchangeability of parts.



# ADAPTIVE TECHNOLOGY



## SOLAR PANELS

In response to the implementation of renewable energy sources, we offer an innovative energy solution. Our innovative production process allows seamless integration of solar panels into the exterior details of *L City*.

This allows *L City* to generate additional range of up to 30,000 kilometers per year, using only solar energy - completely free and without harmful emissions.

## ENVIRONMENTAL SUSTAINABILITY

The exterior of the *L City* can be covered with solar panels. The solar panels are perfectly adapted to the shape of the vehicle. This innovation violates the previous limits of production and vision and opens up completely new possibilities for application.

## ENERGY EFFICIENCY

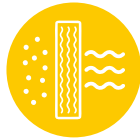
When the electric vehicle is not used during the day, the solar cells will charge the batteries, giving the opportunity to be used as a supplier of electricity to the entire energy network - *L City* will be an integral part of the so-called "smart", energy independent homes and offices of the future.

# FUNCTIONAL EQUIPMENT

## Standard equipment



Heating



Dust filter



Adjustable steering wheel



Electric adjustable exterior mirror



Central locking



Remote



Alarm system



LED lighting



Adjustable headlights - with choice for LED and halogen



Spare tire and tools

## Security systems



ABS



Electric steering wheel



Three-point seat belt



Belt warning device



Front airbags

## Interior options



Radio



Reversing camera



Side mirrors with heating



AC



12V charging connection (USB)



Bluetooth handsfree



Navigation system



Various shelves and storage compartments



Heated rear window



*Your business partner*



## CONTACTS

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