



**Electric city bus
GRANTON GTZ6129BEVR**

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BUS MOTOR LLC presents to your attention a 12-meter electric city bus **GRANTON GTZ6129BEVR**. The manufacturer of this electric bus is ZTE Corporation - a world leader in the field of 5G telecommunications. One of the corporation's divisions conducts research and development of new energy vehicles, development of systems and operation of vehicles via the Internet, as well as research of autopilots.

GRANTON GTZ6129BEVR is capable of taking up to 80* passengers.

This electric bus has been tested in Europe and has a European certificate confirming the high level of product quality. The GRANTON GTZ6129BEVR body is constructed of a corrosion-resistant aluminum alloy and composite materials. This property has a very positive effect on the duration of the "life" of the electric bus.

Lithium-iron-phosphate batteries are divided into 10 modules, 8 of which are located in the rear of the bus body, and 2 in its roof. The total capacity of the batteries is 374.65 kilowatt-hours, which allows you to operate it all day without recharging. It takes 2.5 to 4 hours to fully charge the batteries, depending on the power of the charger.

In the basic complete set:

- Interior air conditioning and driver's cab air conditioning
- Folding ladder for wheelchair arrival and equipment for
- Wabco ECAS electronically controlled air suspension system with tilt function (Kneeling)
- WABCO EBS (ABS + ASR)
- Tachograph, EU standard
- Automatic fire extinguishing system
- Centralized lubrication system
- The windshield is laminated with a heating system
- Visibility of windshield and door glass $\geq 75\%$, side glass - from 40% to 70%
- Daytime running lights
- 10 USB charging on the side surfaces near the windows
- 8 speakers, MP3 player with radio, microphone

* the overall passenger capacity is influenced by the layout of the cabin and the number of battery modules



Specification GRANTON GTZ6129BEVR

TECHNICAL CHARACTERISTICS	
Type	Urban low-floor
Passenger capacity	81*
Number of seats	30* (passengers) +1 (disabled person) +1 (driver's seat); 2 folding seats
Maximum speed, km/h	70
DIMENSIONS AND WEIGHT	
Overall dimensions, mm	12080/2520/3320 (with air conditioning)
Wheelbase, mm	5 900
Front/rear track, mm	2 106/ 1860
Equipped weight, kg	12 011
Technically acceptable maximum weight, kg	18 500
ENGINE AND BATTERIES	
Electric motor	DANA TZ488XSPE351WH electric motor, RP 195KW
Battery system	CATL, element voltage 3.22V202AH; 618,24V606Ah, total power 374,65kWh; natural air cooling
Charging base	European standard single charge base for DC charging CSS Combo 2
Full charge time the batteries	90 kW - 4,3 hours 120 kW - 3,2 hours 150 kW - 2,5 hours
Controller	ZONSON
AXLES AND SUSPENSION	
Front axle	ZF RL82A, max. load 8 000 kg
Front suspension	dependent
Rear axle	ZF AV133, max. load 13 000 kg
Rear suspension	dependent
BODY	
Type	Aluminum, monocoque, wagon layout
Number of doors for passengers	3
Type of seats	Semi-soft

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