

In St. Petersburg, there will be more electric buses with dynamic charging

November 26, 2018



10 electric buses with dynamic charging (trolley buses with a longer autonomous course) should be delivered to St. Petersburg before the end of the year. These trolleybuses will replenish the fleet of innovative cars that first appeared in St. Petersburg in December 2017. During this time, a network of seven electric bus routes with dynamic charging has been developed in our city. The main feature of the novelty is the ability to overcome part of the route without connecting to the contact network. Thus, trolleybus lines can be quickly changed and extended without additional infrastructure costs, and urban electric transport becomes more flexible and adaptive to the needs of passengers.

Electric buses with dynamic charging, purchased with Gorelektrotrans own funds, will meet all the requirements of the modern metropolis. In accordance with the technical specifications of the machine must be equipped with a system of increased autonomous course (due to lithium-ion traction batteries) with a length of at least 15 km, have a completely low floor. The trolleybuses will be equipped with a system of informing and orienting the visually impaired and other people with limited mobility in the Talking City urban environment, with folding ramps that facilitate embarkation and disembarkation for passengers with children and people with disabilities.

Innovative passenger information systems include a media complex transmitting video content, distributing a Wi-Fi signal, as well as associated with the information system for civil defense and emergency situations. Electronic fare control systems allow you to pay for the trip with bank cards, as well as using mobile devices that passengers can charge directly on the way via usb-connectors. There are video recording and passenger counting systems.

Recall that in the framework of the two-year contract in 2017 and 2018, 115 electric buses with dynamic recharging (trolleybuses with an increased autonomous course) have already been delivered to St. Petersburg. Today, a network of 7 routes of a new type of transport is developed: Nos. 2, 12, 17, 18, 23, 41, 43. The autonomous course technologies allowed extending trolleybus lines in the Primorsky, Krasnoselsky, Kalininsky, Vyborgsky, Nevsky and Krasnogvardeysky districts of the city.

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