

SUMMARY

The master's dissertation contains: pages - 117, figures - 59, tables - 38, and a graphic part on 6 sheets. The structure of the diploma project includes the following sections:

1. Analytical review;
2. Calculation and selection of the engine for the electromechanical system;
3. Development of the chassis of a small electric car;
4. Results of control and automation system;
5. Writing a startup project.

The purpose of the work is to develop and create a real model of the electromechanical system of a small electric car.

Keywords: ELECTROMECHANICAL, SMALL ELECTRIC VEHICLE, VEHICLE, SYSTEM, PWM, CONVERTER, CONTROLLER, TORQUE, ACCELERATION, ACCELERATION.

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| | Letter | № of doc. | Sign. | Date | <i>Small electric vehicle electrical system Summary</i> | L. | Sheet | Letters |
| Devel. | <i>O. Voshkulat</i> | | | | | 5 | 117 | |
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