

Calculation, design, and simulation of a 2-seater electric car

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Abstract: This topic aims to meet the development needs of the electric vehicle industry in practice, with the goal of building a comprehensive simulation system for a 2-seater vehicle. Through theoretical research and the implementation of optimal design methods, the topic will help improve energy efficiency and optimize the driving experience. The approach includes using mathematical models to calculate power and energy, along with the application of modern simulation technology. The expected results will make a significant contribution to promoting the sustainable development of the electric vehicle industry.

Keywords: Electric vehicle, simulation, design, optimization, energy