

Design of chassis and body electrical system for electric vehicles.

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Abstract: This topic aims to research and design the chassis and body electrical system for electric vehicles, meeting requirements for safety, performance, and environmental friendliness. Through an evaluation of the practical context, the topic identifies the main objective as improving chassis technology and body electrical systems to optimize the operational performance of electric vehicles. The research method combines theory and experimentation, including power analysis, 3D model design, and practical testing on prototypes. The expected results will bring significant improvements in performance and reduce production costs for the electric vehicle industry.

Keywords: Electric vehicle, chassis, body electrical system, design, optimization