

Design of a stable frequency drive system for a diesel generator

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Abstract: This topic focuses on the design and implementation of a frequency-stable drive system for Diesel generators. The objective of the research is to improve the operational performance and reliability of the power source based on the principle of contactless drive. The research method includes integrating modern technology into the design process and practical testing, combining both theory and experimentation to ensure frequency stability. The expected result is an efficient, safe system that can be widely applied in industries requiring a stable power supply.

Keywords: Drive system, Diesel generator, Frequency stability, Modern technology, Experimental testing