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Comparative Analysis of Nine level T-Type MLI

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Abstract

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**Abstract:** This paper is a comparison between Traditional Cascaded H-Bridge Multilevel Inverter (MLI) and Modern T-Type MLI. The most suitable topology to be used in Electrical/E-vehicle to get smooth AC for increasing the performance is found based on comparison of the use of the number of power devices, THD values, and FFT analysis. The MATLAB simulation results of both topologies for Nine level AC output are compared and presented systematically.

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