

## عنوان مقاله:

Grid Interaction of DG Units with a Modified Mixed Cascade Flying Capacitor Multicell Inverter

## محل انتشار:

دومین کنفرانس بین المللی الکترونیک قدرت و سیستم های درایو (سال: 1389)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

Grid interaction of DG units with a novel hybrid flying capacitor multicell converter which is suitable for hybrid systems, is presented in this paper. Multicell inverters have important advantages which make them a flexible solution for medium voltage/high power applications such as: lower rating of switches and lower output voltage THD. Proposed configuration of multicell inverter requires less number of switches in comparison with typical flying capacitor multicell inverters. Simulation results using MATLAB software are demonstrated to confirm theory.

## کلمات کلیدی:

Multicell inverter, Double Fourier series, Distributed generation, Grid interaction

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/152871>

