

Inverters for power systems with renewable sources: basic topologies and purposes

Yamnenko, Iuliia; Tereshchenko, Tetiana; Fedin, Ihor; **Carvalho da Silva, Edivan Laercio**; Kozhushko, Yuliia; Bondarenko, Oleksandr 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227384>

A new high step-up NPC-based switched-capacitor seven-level grid-tied inverter for PV applications

Marangalu, Milad Ghavipanjeh; Mashinchi Maheri, Hamed; **Vinnikov, Dmitri; Jalakas, Tanel** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413150>

A single-phase reduced component count asymmetrical multilevel inverter topology

Chub, Andrii; Blaabjerg, Frede IEEE journal of emerging and selected topics in power electronics 2021 / p. 6780-6790 : ill <https://doi.org/10.1109/JESTPE.2021.3066396> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)