

# Review of Multilevel Voltage Source Inverter Topologies Distortions in FC-MLI

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Modeling and analysis of hybrid multilevel converter for constant DC and fuel cell sources. Energy Storage, 2020, 2, e193.	2.3	4
2	Fast Power Emulation Approach to the Operation of Photovoltaic Power Plants Made of Different Module Technologies. Energies, 2020, 13, 5957.	1.6	1
3	Optimized Modified PWM based on Differential Evolution for Reducing THD on Multilevel Inverter. , 2020, , .		1
4	A Novel Zero Dead-Time PWM Method to Improve the Current Distortion of a Three-Level NPC Inverter. Electronics (Switzerland), 2020, 9, 2195.	1.8	5
5	Transformerless Multilevel Voltage-Source Inverter Topology Comparative Study for PV Systems. Energies, 2020, 13, 3261.	1.6	22
6	Power Converters in Power Electronics: Current Research Trends. Electronics (Switzerland), 2020, 9, 654.	1.8	6
7	Design of Closed-Loop Control of a Three-Phase Sine Wave Inverter Using High Gain DCâ€“DC Converter for Renewable Energy Applications. Springer Proceedings in Energy, 2021, , 281-292.	0.2	0
8	A Review of Multilevel Inverter Topologies in Electric Vehicles: Current Status and Future Trends. IEEE Open Journal of Power Electronics, 2021, 2, 155-170.	4.0	151
9	A Grid-Tied Fuel Cell Multilevel Inverter with Low Harmonic Distortions. Energies, 2021, 14, 688.	1.6	12
10	Three-Phase Multilevel Inverter Using Selective Harmonic Elimination with Marine Predator Algorithm. Electronics (Switzerland), 2021, 10, 374.	1.8	22
11	Design and Control of a Three-Phase T-Type Inverter using Reverse-Blocking IGBTs. Engineering, Technology & Applied Science Research, 2021, 11, 6614-6619.	0.8	10
12	Performance Analysis of Solar Connected Fly-Back Boost C-onverter for Electric Vehicle applications. , 2021, , .		0
13	A 7-level inverter with less number of switches for grid-tied PV applications. International Journal of Advanced Technology and Engineering Exploration, 2021, 8, 631-642.	0.6	4
14	Simulink Implementation of Voltage Stability Improvements Using STATCOM based 5-level Diode Clamped Converter. IOP Conference Series: Materials Science and Engineering, 2021, 1105, 012009.	0.3	2
15	Power enhancement of singleâ€“phase transformerâ€“less gridâ€“connected cascaded halfâ€“bridge diode clamped inverter under partial shaded photovoltaic. International Transactions on Electrical Energy Systems, 2021, 31, e12998.	1.2	1
16	An Eleven-Level Switched-Capacitor Inverter with Boosting Capability. Electronics (Switzerland), 2021, 10, 2262.	1.8	13
17	Performance of Neutral Point Clamped Five Level Inverter Using Space Vector Modulation Control Fed by DPC-VF-SVM Rectifier. WSEAS Transactions on Power Systems, 2021, 16, 275-287.	0.2	1
18	Improved Cascaded H-Bridge Multilevel Inverters with Voltage-Boosting Capability. Electronics (Switzerland), 2021, 10, 2801.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Experimental studies of the effect of a hybrid inverter on power quality. Izvestiya MGTU MAMI, 2021, 1, 2-9.	0.1	0
20	A New Transformerless Single-Phase Eleven-Level Inverter with Reduction of Switches Based on Model Predictive Control Method. , 2020, , .		7
21	LPV Control of Current Source Inverter synchronized with the grid. IEEE Latin America Transactions, 2020, 18, 1826-1833.	1.2	2
22	Harmonic Reduction of Cascaded H -Bridge Multilevel Inverter Using Advanced Level Shifted Pulse Width Modulation Technique. , 2021, , .		1
23	Analytical Expression for Line Voltage THD of Three-Phase Staircase Modulated Multilevel Inverters. Electronics (Switzerland), 2022, 11, 364.	1.8	0
24	A Simple Virtual-Vector-Based PWM Formulation for Multilevel Three-Phase Neutral-Point-Clamped DCâ€“AC Converters including the Overmodulation Region. Electronics (Switzerland), 2022, 11, 641.	1.8	4
25	A Comparative Analysis Between PI And PID Controllers For Different Levels Of Diode Clamp Multilevel Inverter To Improve Inverter Performance. , 2022, , .		1
26	A Comparative Study of Open-End Winding Drive Systems for Hybrid Fuel Cell-Battery Fed Electric Vehicles. , 2021, , .		4
27	Minimization of total harmonic distortion and enhancing voltage level for hybrid multilevel converter with different sources. Advanced Control for Applications, 2020, 2, .	0.8	4
28	A switched-capacitor and floating-capacitor (SCFC) based multilevel boost inverter with a single DC power supply and sensor-less voltage balancing method. Engineering Research Express, 2022, 4, 025016.	0.8	1
29	Analysis of LCL-Filter Performance in Three-level Full SiC NPC Inverters with Inductor Core Materials. Journal of Electrical Engineering and Technology, 0, , .	1.2	2
30	New Nine-Level Cascade Multilevel Inverter with a Minimum Number of Switches for PV Systems. Energies, 2022, 15, 5857.	1.6	3
31	Flatness-SVPWM Control for Three-Phase Shunt Active Power Filter Based on Five-Level NPC Inverter. IFAC-PapersOnLine, 2022, 55, 671-676.	0.5	0
32	Switched Capacitor Based High Step-Up Multilevel Inverter with Self-Balancing Ability and Low Switching Stress. International Transactions on Electrical Energy Systems, 2022, 2022, 1-12.	1.2	3
33	A Review of Medium-Voltage Front-End Converters for Grid-Connected Battery Energy Storage Systems. , 2022, , .		4
34	DVR for Power Distribution Network â€“ A Review. , 2022, , .		1
35	Design analysis and experimental validation of a multiâ€“level inverter for vehicle to home application. IET Renewable Power Generation, 0, , .	1.7	0
36	Rapid Control Prototyping of Five-Level MMC based Induction Motor Drive with different Switching Frequencies. Emitter: International Journal of Engineering Technology, 0, , 102-119.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Analyzing Power Losses and Performance of an Isolated DC-DC Converter for Renewable Energies Systems. Electronics (Switzerland), 2023, 12, 1110.	1.8	1
38	Firefly Optimization Heuristics for Sustainable Estimation in Power System Harmonics. Sustainability, 2023, 15, 4816.	1.6	4
39	Reduction of Harmonics in Multilevel Inverter using Phase Disposition PWM compared with Conventional PWM based on Efficiency. , 2022, , .		0
40	A Symmetric Solar Photovoltaic Inverter to Improve Power Quality Using Digital Pulsewidth Modulation Approach. Wireless Personal Communications, 2023, 130, 2059-2097.	1.8	29
45	Direct Torque Control Based Modelling of Three-phase S3 Inverter for Induction Motor Control. , 2023, , .		0
50	Impact of Hybrid Inverters on Electric Power Quality. , 2023, , .		0