

1. Record Nr.	UNINA9910462573803321
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Titolo	Advanced DC/AC inverters : applications in renewable energy // Fang Lin Luo, Hong Ye
Pubbl/distr/stampa	Boca Raton, Fla. : , : CRC Press, , 2012
ISBN	1-351-83235-2 1-315-21646-9 1-62870-718-6 1-4665-1138-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (319 p.)
Collana	Power electronics, electrical engineering, energy, and nanotechnology
Altri autori (Persone)	YeHong <1973->
Disciplina	621.3815/322
Soggetti	Electric inverters Renewable energy sources Small power production facilities Electronic circuits Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Contents; Preface; Authors; Chapter 1 - Introduction; Chapter 2 - Pulse Width-Modulated DC/AC Inverters; Chapter 3 - Voltage Source Inverters; Chapter 4 - Current Source Inverters; Chapter 5 - Impedance Source Inverters; Chapter 6 - Quasi-Impedance Source Inverters; Chapter 7 - Soft-Switching DC/AC Inverters; Chapter 8 - Multilevel DC/AC Inverters; Chapter 9 - Trinary Hybrid Multilevel Inverter (THMI); Chapter 10 - Laddered Multilevel DC/AC Inverters Used in Solar Panel Energy Systems; Chapter 11 - Super-Lift Converter Multilevel DC/AC Inverters Used in Solar Panel Energy Systems Chapter 12 - Switched-Capacitor Multilevel DC/AC Inverters in Solar Panel Energy Systems Chapter 13 - Switched Inductor Multilevel DC/AC Inverters Used in Solar Panel Energy Systems; Chapter 14 - Best Switching Angles to Obtain Lowest THD for Multilevel DC/AC Inverters; Chapter 15 - Design Examples for Wind Turbine and Solar Panel Energy Systems; Back Cover
Sommario/riassunto	Renewable energy systems require a large number of

converters/inverters. Many new types of inverters have been created in recent decades, and these circuits will largely improve the power factor and increase the power efficiency for the future. This book covers advances DC/AC inverters that are both concise and useful for engineering students and practicing professionals. It uses 150 diagrams to introduce more than 100 topologies of the advanced inverters originally developed by the authors. The book includes more than 50 new circuits--
