1. Record Nr. UNINA9910583046003321

Autore	Yang Yongheng
Titolo	Advances in grid-connected photovoltaic power conversion systems / / Yongheng Yang [and three others]
Pubbl/distr/stampa	Duxford, United Kingdom : , : Woodhead Publishing, an imprint of Elsevier, , [2019] ©2019
ISBN	0-08-102339-1 0-08-102340-5
Descrizione fisica	1 online resource (216 pages)
Collana	Woodhead Publishing Series in Energy
Disciplina	621.31244
Soggetti	Photovoltaic power systems Dwellings - Power supply Building-integrated photovoltaic systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Advances in Grid-Connected Photovoltaic Power Conversion Systems addresses the technological challenges of fluctuating and unreliable power supply in grid-connected photovoltaic (PV) systems to help students, researchers, and engineers work toward more PV installations in the grid to make society more sustainable and reliable while complying with grid regulations. The authors combine their extensive knowledge and experience in this book to address both the basics of the power electronic converter technology and the advances of such practical electric power conversion systems. This book includes extensive, step-by-step practical application examples to assist students and engineers to better understand the role of power electronics in modern PV applications and solve the practical issues in grid-connected PV systems.