



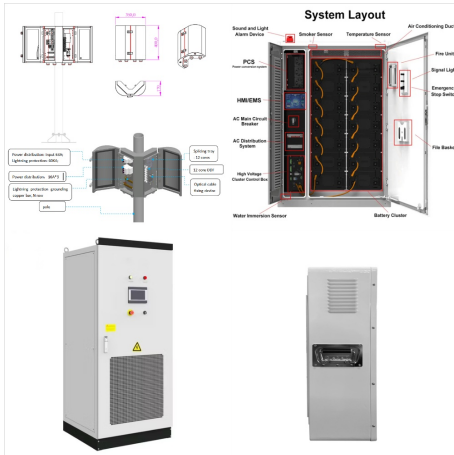
Photovoltaics (PV) is a method of generating electrical power by converting solar radiation into direct current electricity using semiconductors that exhibit the photovoltaic effect. This book comprehensively covers the fundamentals of, technologies behind and ???



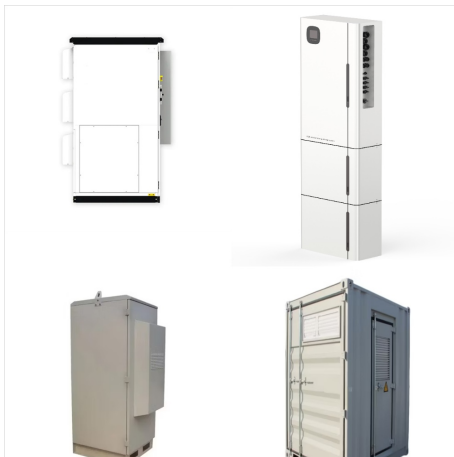
The book is organized into three parts - Part I introduces the principles of solar cell operation and design, Part II explains technologies to fabricate solar cells and modules, and Part III focuses on using solar photovoltaics to provide electrical ???



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"This up-to-date text discusses all the aspects of Solar Photovoltaic (PV) technologies from physics of solar cells to manufacturing technologies, solar PV system design and their applications. Solanki: Publisher: Prentice-Hall Of India Pvt. Limited, 2009: ISBN: 8120337603, 9788120337602: Length: 478 pages : Export Citation:



His research areas of interest include PV cells and systems, high efficiency c-Si cells, Si-nanostructures for PV applications, thin film c-Si solar cells and concentrated PV systems. Dr. Solanki is currently one of the principal investigators of National Center for Photovoltaic Research and Education (NCPRE) at IIT Bombay which is funded by MNRE.



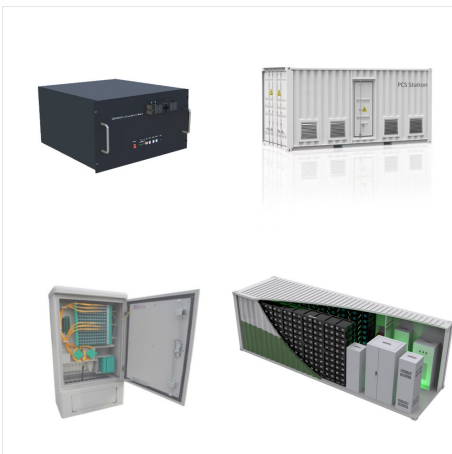
Solar Photovoltaics: A Lab Training Manual [Solanki, Chetan S., Arora, Brij M., Vasi, Juzer] on Amazon . *FREE* shipping on qualifying offers. Solar Photovoltaics: A Lab Training Manual by Chetan S. Solanki (Author), Brij M. Arora (Author), Juzer Vasi (Author) & 5.0 5.0 out of 5 stars 1 rating. See all formats and editions



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Interconnection of solar cells into solar PV modules and modules into solar PV arrays. Schematic representation of PV module is also shown. Cell Module Array + _ + _ I PV V module Solar PV array: ???Interconnected solar PV modules. ???Provide power of 100 Wto several MW. Solar PV array



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Chetan Singh Solanki, Ph.D., is Associate Professor in the Department of Energy Science and Engineering at Indian Institute of Technology Bombay (IITB). He is the recipient of Young Scientist Award from European Material Research Society (2003), Young Investigator Award from IIT Bombay (2009) and several other awards for paper presentations. He has also ???



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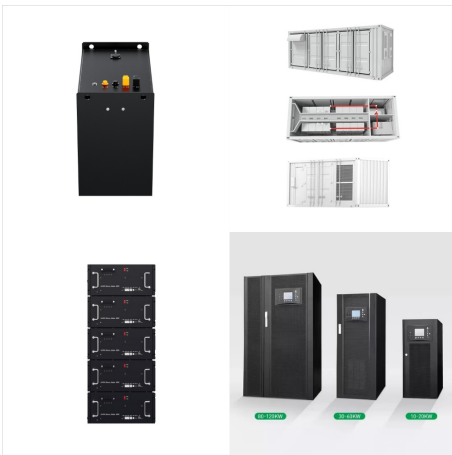
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Solar Photovoltaic Technology And Systems: A Manual For Technicians, Trainers And Engineers, by Chetan Singh Solanki is a guide to use solar PV technology and systems along with the related description. The content of the book revolves around different types of batteries, solar radiation, measurements of batteries in SPV (Solar PhotoVoltaic



Chetan Singh Solanki. This text is intended for the undergraduate and postgraduate students of engineering for their courses on solar photovoltaic technologies and renewable energy technologies. Besides this, the book will be immensely useful for teachers, researchers and professionals working in the photovoltaic field.



Solar energy is to be a major primary energy source; utilization requires solar capture and conversion. journal papers and received several international awards including Marquis Whos Who of America 2011 and BASE Award on Solar Photovoltaic from DST. Dr. Satapathi's research is focused on the development of advanced materials and their use in