

**New updated edition**

# **From Sunlight to Electricity**

**A practical handbook  
on solar photovoltaic  
applications**

**Foreword**

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Revised by Suneel Deambi

# Foreword

The PV (photovoltaic) technology programme in India has undergone several changes in terms of technology, approaches to promotion, financial arrangements, and so on. Numerous training programmes have been conducted in the past to equip extension agents, workers of NGOs (non-governmental organizations), and other stakeholders with advancements made in the PV sector. As part of such efforts, numerous documents have also come out as informational packages, dealing with specific issues in the sector — technical, financial, operational and maintenance, and so on. However, there is a lack of a comprehensive document that provides all information related to applications of PV technology, approaches to dissemination, financial arrangements, and institutional and social factors in technology acceptance, beneficial to implementing agencies, financial organizations, and other stakeholders in the PV sector in India.

The present book is an attempt in this direction. It compiles information that gives the reader an overall understanding of the PV sector in India, designs and applications of specific devices and related benefits, finance, policies, and programmes. The book is not only a compilation of information, but also gives a step-by-step methodology for designing PV systems for appropriate applications in rural areas. The book has been written in simple language with numerous illustrations such that readers not very familiar with the PV sector find the contents easy to understand. For others, the book aims at providing guidelines on sizing and installing PV systems, which they will find very useful in their work. This volume is expected to be of interest and importance to all the stakeholders in the PV sector, namely, policy-makers, government officials, NGOs, academic and research organizations.



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