

图书基本信息

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## 内容概要

Photovoltaic cells provide clean, reversible electrical power from the sun. Made from semiconductors, they are durable, silent in operation and free of polluting emissions. In this book, experts from all sectors of the PV community- materials scientists, physicists, production engineers, economists and environmentalists -- give their critical appraisals of where the technology is now and what its prospects are. 作者简介: MARY ARCHER is a Visiting Professor in the Centre for Energy Policy and Technology at Imperial College, London, a Bye-Fellow of Newnham College, Cambridge, and a companion of the Institute of Energy. Her long-standing interest in direct (non-thermal) means of solar energy conversion was sparked by the oil price hikes of the 1970s. At Imperial College (1966-68), the Royal Institution, London (1972-76), and the Department of Chemistry, Cambridge University (1976-86), she worked on heterogeneous catalysis, photogalvanic cells, electron transfer and semiconductor photoelectrochemistry. Since leaving full-time academia, she has served on a number of energy policy advisory bodies, including the Department of Energy's Renewable Energy Advisory Group and the DTI's Energy Advisory Panel. She co-founded the UK Solar Energy Society in the early seventies, and is now its President, and she was the founder Chairman and is now President of the National Energy Foundation, which promotes energy efficiency and renewable energy.

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