

1. Record Nr.	UNINA9910786567203321
Titolo	Concentrating solar power technology [[electronic resource]] : principles, developments and applications // edited by Keith Lovegrove and Wes Stein
Pubbl/distr/stampa	Cambridge, : Woodhead Pub., 2012
ISBN	0-85709-617-6
Descrizione fisica	1 online resource (709 p.)
Collana	Woodhead publishing series in energy, , 2044-9364 ; ; no. 21
Altri autori (Persone)	LovegroveKeith SteinWes
Disciplina	621.47
Soggetti	Solar concentrators Solar thermal energy
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	pt. 1. Introduction -- pt. 2. Technology approaches and potential -- pt. 3. Optimisation, improvements and applications.
Sommario/riassunto	Concentrating solar power (CSP) technology is poised to take its place as one of the major contributors to the future clean energy mix. Using straightforward manufacturing processes, CSP technology capitalises on conventional power generation cycles, whilst cost effectively matching supply and demand though the integration of thermal energy storage. Concentrating solar power technology provides a comprehensive review of this exciting technology, from the fundamental science to systems design, development and applications. Part one introduces fundamental principles of concentrating solar