

1. Record Nr.	UNINA9910141785803321
Titolo	IEEE Guide for Array and Battery Sizing in Stand-Alone Photovoltaic (PV) Systems // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York : , : IEEE, , 2008
ISBN	0-7381-5356-7
Descrizione fisica	1 online resource (ix, 22 pages) : illustrations
Disciplina	621.381542
Soggetti	Photovoltaic cells Photovoltaic power systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	A method for properly sizing the PV array and battery for stand-alone PV systems where PV is the only charging source is recommended. Load calculations and determination of solar radiation in the sizing of the system need special attention. Additionally, the critical nature of the load in deciding an acceptable annual availability needs to be considered.