1. Record Nr. UNINA9910135765203321 Titolo ANSI/IEEE Std 929-1988: IEEE Recommended Practice for Utility Interface of Residential and Intermediate Photovoltaic (PV) Systems // Institute of Electrical and Electronics Engineers Piscataway, NJ:,: IEEE,, 1987 Pubbl/distr/stampa **ISBN** 0-7381-1103-1 Descrizione fisica 1 online resource (12 pages) Disciplina 621.31244 Soggetti Photovoltaic power systems Industrial safety Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Superseded by 929-2000. Recommendations and requirements that Sommario/riassunto ensure operation of the terrestrial photovoltaic (PV) system that is compatible with the electric utility are provided. Factors relating to personnel safety, equipment protection, and power quality are addressed. The standard applies to utility-interconnected residential and interm ediate-size PV power systems capable of two-way energy flow with the utility. It addresses the interface between the PV system and the utility, and provides technical recommendations for the characteristics of the interface. Power quality, equipment protection, and safety of personnel are covered.