

IP MARKETPLACE

CONNECTING INNOVATION TO YOUR BUSINESS

TECH OFFER

A SYSTEM AND METHOD FOR REAL-TIME MEASUREMENT OF PHOTOVOLTAIC CHARACTERISTICS



▶ MORE INFORMATION

MEGA-TREND

- **Chemicals and Materials**

TECHNOLOGY READINESS LEVEL (TRL)

- **TRL 3**

PATENT/ GRANTED NUMBER

- **PI 2017703676**

▶ TECHNOLOGY OVERVIEW

A system for obtaining photovoltaic characteristics of one or more photovoltaic modules and a photovoltaic array includes a voltage and current measuring means for measuring the voltage and current values from an output of the photovoltaic modules and the photovoltaic array, a reactive load capable of providing varying loads to each of the photovoltaic modules and the photovoltaic array, a control panel for selectively connecting the voltage and current measuring means and the reactive load to each of the photovoltaic modules and the photovoltaic array for collecting a number of photovoltaic parameters and a data processing and storage means for

processing a variety of data including the photovoltaic parameters to generate the photovoltaic characteristics curves and the photovoltaic characteristic values of each of the photovoltaic modules and the photovoltaic array in real-time.

CONTACT US!

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