

Obtaining and analyzing the characteristics curves of a solar cell

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Abstract-

The world spend all the capabilities to meet every day demand of energy and it is very expectable that soon we will come up short on any of natural energy source such as petrol, mineral etc... therefore, renewable vitality arrangement has accomplished.

Sun powered energy is a standout amongst the most important means of renewable energy resource, more energy is produced by knowing the specification of the cell used and this can be done by getting the IV and PV characteristic curves.

The study of a photovoltaic system requires a precise knowledge of the IV and PV characteristic curves, the learning of the curves permits IV and PV characteristic curves allow knowing the function of the cells used. This research shows the results obtained by using solar module analyzer for different power solar cells.

Key words: Photovoltaic cells, PV-IV curves