

Product Code . SEL-EELE-11169

Solar Power Generation System Trainer



Description

Solar Power Generation System Trainer

Technical Specifications:-

- Calibrating the solarimeter with the solar radiation
- Plotting charts of daily diurnal insulation, for total, diffuse and direct radiation, on horizontal
- Training Programs To Be Performed
- Study of radiation intensity with different inclinations of the solarimeter surface and on surface perpendicular to the sun rays
- Graphical and Statistical results interpretations
- Assessing the current output of a solar cell by changing its orientation to the light source.
- Experimental assessment of voltage current curves of a silicon cell for different lighting values.
- Assessing the maximum electric power output by a silicon cell for different lighting orinsulation

values.

- Calculating the efficiency of a photovoltaic cell.
- Parallel and series connection of solar cells.
- Calculation of the average power supplied by a silicon cell panel.
- Battery recharge.
- Power Source : 220 ~ 230V AC, 50Hz, 1 Phase.

We are leading manufacturers, suppliers of Solar Power Generation System Trainer for Electronics Engineering Lab Equipments. Contact us to get high quality Solar Power Generation System Trainer for Electronics Engineering Lab Equipments for schools, colleges, universities, research labs, laboratories and various industries.

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