



Email : sales@laboratoryinstrumentindia.com

Product Name :
Solar Teaching Experiment Kit

Product Code :
LBNY-0005-12100030



Description :

Solar Teaching Experiment Kit system is a solar photo voltaic power system that can provide a practical teaching, testing and demonstration platform for solar cells, sine wave inverter and controller. To help students understand the principles of solar photo voltaic and learn the engineering application of solar photo voltaic. The work flow will be:

Then charge the battery through the controller.

Then convert 12VDC into 220VAC for all the load by sine wave inverter.

The solar energy is converted to low voltage 12VDC by solar cell module.

Experiments:

Solar cell directly load test

Controller principle experiment

Solar photo voltaic energy conversion experiment

Controller over-discharge protection experiment

Controller overshoot protection experiment

Environmental impact on the photo voltaic conversion experiment.

Technical Specification :

Solar Teaching Experiment Kit

Laboratory Instrument India

