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Product Name :
Solar Teaching Experiment Kit

Product Code :
LBNY-0005-12100040



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:

The solar energy is converted to low voltage 12VDC by solar cell module.
Then convert 12VDC into 220VAC for all the load by sine wave inverter.
Then charge the battery through the controller.

Experiments:

Solar cell directly load test
Controller principle experiment
Controller over-discharge protection experiment
Controller overshoot protection experiment
Solar photo voltaic energy conversion experiment
Environmental impact on the photo voltaic conversion experiment.

Technical Specification :

Solar Teaching Experiment Kit

Laboratory Instrument India

