



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Solar Photovoltaic Troubleshooting Learning System

**Product Code :**  
LBNY-0005-1930001



#### **Description :**

The Solar Photovoltaic Troubleshooting Learning System includes all components needed to develop hands-on, job-ready skills: all solar specific components as well as balance of system items. The solar photovoltaic PV learning system contains a mobile workstation, component panels with breakers, combiner box, MPPT charge controller, lamps, batteries, meters, grid-connected inverter, a fault insertion system, PC-based multimedia student curriculum, and instructors assessment guide. The required two-panel array provides a complete solar PV troubleshooting experience.

Solar Photovoltaic Troubleshooting Learning System Installing and maintaining solar photovoltaic (PV) systems requires hands-on skills and troubleshooting ability across the types of PV systems commonly used such as AC, DC, and grid-connected. Budding engineers and designers need to understand the technologies used in these systems as well.

The Solar Photovoltaic Troubleshooting Learning System teaches students connection, operation, programming, and troubleshooting of AC/DC and grid-connected systems. Solar Photovoltaic Troubleshooting Learning System allows students to develop the specialized skills and knowledge needed for working with the common types of PV systems. The curriculum is highly interactive, PC-based multimedia that allows students to use the learning style best for them reading, listening, visual.

#### **Features:**

- Balance of System Components Replicates Real World PV Systems
- Computerized Fault Insertion
- Grid-Connected and Micro Inverters
- Modern Communications and Programming
- Mobile, Multiple PV Panels.

---

**Technical Specification :**

Solar Photovoltaic Troubleshooting Learning System



**Laboratory Instrument India**