

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

**Product Code :**  
CHINAELABC2760005



#### **Description :**

Solar Photovoltaic Troubleshooting Learning System

#### **Technical Specification :**

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.

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

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.

Features of Solar Photovoltaic Troubleshooting Learning System

Grid-Connected and Micro Inverters

Modern Communications and Programming

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Balance of System Components Replicates Real World PV Systems  
Computerized Fault Insertion  
Mobile, Multiple PV Panels



**Engineering Lab China**