Product name:	Product code:
Solar Photovoltaic Characteristics Training System	CMI-NP-2018



Description

System for plotting I-V and P-V curves of a PV module under varying light and angle. Teaches maximum power point, fill factor and effect of shading and temperature.

Technical specification

Meters	0-30 V, 0-3 A digital
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Solar Photovoltaic Characteristics Training System is designed for ITI, polytechnic and TVET laboratories. Students vary load and irradiance and plot the curves to find open circuit voltage, short circuit current and maximum power.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- 20 Wp PV module on mounting stand
- Variable load rheostat
- Digital voltmeter and ammeter
- Halogen lamp bank with dimmer
- Irradiance and temperature measurement

Technical Specifications

PV Module	20 Wp mono crystalline
Open Circuit Voltage	21 V
Short Circuit Current	1.2 A
Light Source	4 x 500 W halogen lamps
Load	0-100 ohm, 50 W rheostat