NAUGRA®

Product name:	Product code:
Off-Grid Solar Inverter Training System	CMI-NP-2015



Description

Stand alone solar system with charge controller, battery bank and sine wave inverter driving AC loads. Used to teach sizing, wiring and operation of off-grid PV installations.

Technical specification

Meters	DC voltage, current, AC power
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 Off-Grid Solar Inverter Training System is designed for ITI, polytechnic and TVET laboratories. Students connect PV, battery and inverter, measure power flow and learn protection and battery management.

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Features

- PV simulator / MPPT charge controller
- 12 V sealed lead acid battery
- Pure sine wave inverter
- AC and DC load sections
- MCBs and fuse protection

Technical Specifications

PV Array	100 Wp
Charge Controller	12 V, 10 A
Battery	12 V, 40 Ah
Inverter	300 VA, pure sine wave
Output	230 V AC, 50 Hz