NAUGRA®

Product name:	Product code:
Solar Cell Series Parallel Connection Trainer	CMI-NP-2016



Description

Trainer with multiple small solar cells and panels for series, parallel and mixed connections. Teaches voltage and current addition and effect of partial shading and bypass diodes.

Technical specification

Light Source	Halogen lamp bank
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 Cell Series Parallel Connection Trainer is designed for ITI, polytechnic and TVET laboratories. Students connect modules in various combinations and measure output to understand array design.

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Features

- Fault simulation switches
- Reconfigurable connectors
- Bypass and blocking diodes
- Shading masks
- Digital voltage and current meters

Technical Specifications

Modules	4 nos x 5 Wp, 9 V
Connection Modes	Series, parallel, series-parallel
Diodes	Bypass and blocking
Shading	Selectable masks
Meters	0-50 V, 0-5 A