NAUGRA®

Product name:	Product code:
Solar Charge Controller Training Panel	CMI-NP-2017



Description

Panel with PWM and MPPT charge controllers, PV simulator and battery for charge cycle study. Used to teach bulk, absorption and float stages. Students compare PWM and MPPT controllers and observe charging current profiles and load disconnect operation.

Technical specification

Meters	3 sets digital
Protection	Fuses and MCB
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 Charge Controller Training Panel is designed for ITI, polytechnic and TVET laboratories. Students compare PWM and MPPT controllers and observe charging current profiles and load disconnect operation.

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Features

- Side-by-side PWM and MPPT controllers
- Variable PV source simulator
- 12 V battery and DC load
- Voltage and current meters
- Low voltage disconnect test

Technical Specifications

Controllers	12 V 10 A PWM and MPPT
PV Simulator	0-40 V, 0-5 A
Battery	12 V, 7 Ah
Load	12 V DC lamps