



# PWM Charge Controller Training System

Nvis 6017A



\*\* Shown image is just for illustration original may differ

This set up helps to understand PWM charge controller depending on

- Time taken by battery to get fully charged
- To measure input power and output power to get efficiency of PWM charge controller
- Effect of sun tracking (manual) at different angle of inclination

## Features

- Performance analysis by comparing the output of the PV module with PWM controller.
- Display units for voltage and current measurement.
- System integrated with PWM charge controller along with the batteries.
- Simple variable load demonstration.

## Scope of Learning

- Find out the efficiency of PWM based charge controller at different loads conditions.
- Performance analysis of PWM type charge controllers.

## Technical Specifications

Charge controller	:	PWM type with reverse polarity protection for battery as well as load
DC voltmeters	:	2 nos.
DC ammeter	:	2 nos.
Battery	:	12V, 7.5Ah
Load	:	DC lamp
Solar PV module	:	Poly Crystalline Technology (40watt)

Designed & Manufactured in India by

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