

**Product Name :**  
Solar Energy System Trainer

**Product Code :**  
NLAB-ENGINEERINGLB43007



**Description :**

Solar Energy System Trainer

**Technical Specification :**

SOLAR ENERGY TRAINER

Voltmeter:10V

Ammeter: 500mA

Potentiometer:500Ohm

Rechargeable NiCd Battery 1.2V of 2Nos.

Bulb 1.2V,270mA

Fan:1.5V,400mA

Buzzer 5V

Led 5V

FM Band Radio:12V

Solar Panel:

Consists of 6 Solar Cells Maximum Voltage of each cell:1.5V

Maximum Current of each cell:150mA

Experiments:

Energy storage.

Working of Led

Working Bulb

Working of Motor as a Fan

Working of Buzzer

V-I Characteristics of Solar Cell in series and parallel

Buzzer for Sound energy

Fan for electromechanical energy.

Voltmeter for voltage measurement.

Current meter for Current Measurement.

**SALIENT FEATURES:**

Front Panel Built With High Class Insulated Printed Circuit Board Sheet With Well Printed Circuits And Symbols.

Fuse For Short Circuit Protection

Instruction Manual.

Connections are brought out through 4mm Brass Sockets.

Patch Cords 4mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x10"

## Naugralabequipments

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