

**Product Name :**  
Electrical Wind Energy Trainer

**Product Code :**  
Green REN-0002



**Description :**

Wind Energy Trainer

**Technical Specification :**

Scope Of Learning:

- Study of Wind Power and Wind Energy.
- Load Estimation and calculation.
- Study of Charge controller.
- Study of different parameter of inverter efficiency, PWM switching, charging of batteries , over load and over battery protection.

Power Supplies:

- Operated on Mains power 230V, 50Hz +10%.

Digital/Analog Meters:

- Voltmeter (DC and AC Separately)

- Ammeter (DC and AC Separately)
- Multi Function Meter
- Capacitor Mounted Inside the Control Panel.

**Components featured on the panel are:**

- Wind Turbine 500W
- Power And Charge Controller Unit (Wind)
- Batteries (1Nos.)
- DC to AC Converter
- Single Phase Lamp Load Switched Control.

**Features:**

- Front panel built with high class insulated Bakelite sheet with Sticker well printed circuits and symbols.
- The trainer is housed in Modular Based Rack Type Aluminum Extruded Metal cabinet.
- Instruction manual.
- Patch Cords 4mm (Heavy Duty)
- High Voltage Test Points are Provided With 4mm Safety Sockets
- Short Circuit protection with the MCB.
- Size of the trainer set 48"x24"

## Naugra Export

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