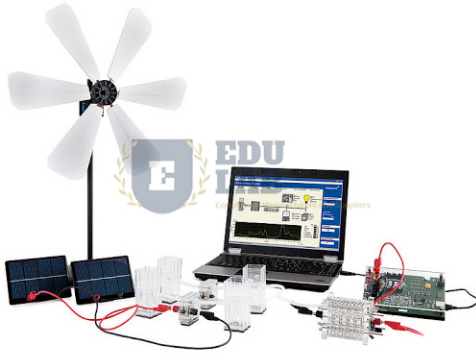


Product Code . EL-ETS-11559

## Wind Energy Modular Trainer



### Description

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Training Objectives of Wind Energy Modular Trainer

- Installation and testing of the wind turbine.
- Installation and testing of the anemometer.
- Connecting the wind turbine and the anemometer to the trainer.
- Alternating current wind energy installation.
- Identification of the components.
- Battery regulating and charging.
- Direct current wind energy installation.
- Complete system for wind energy.

### Technical Specification:-




- Anemometer and wind direction sensor mounted on a stand.
- A supporting frame for the modules.

- 
- A battery.
  - A battery control module, 12V, 32A.
  - A load module. It includes two 12V lamps, dichroic 20W and LED 3W, with independent switches.
  - A wind turbine, 160W, 12V.
  - A load module. It includes two mains voltage lamps, dichroic 35W and LED 3W, with independent switches.
  - A module for the measurement of: wind speed (m/s), wind direction (degrees), current up to 30V,  $\pm 15A$  (two dc ammeters), voltage up to 30V and power up to 1000W.
  - A dc to ac converter module, with sinusoidal output at mains voltage. Average power: 300 W.

We are leading manufacturers, suppliers of Wind Energy Modular Trainer for Energy Training System. Contact us to get high quality Wind Energy Modular Trainer for Energy Training System for schools, colleges, universities, research labs, laboratories and various industries.

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trainer. • Alternating current wind energy installation. • Identification of the components. • Battery
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