

Product Name :
Wind Energy Modular Trainer With Connection

Product Code :
ASTRALAB-SUPPLYA21073



Description :

Wind Energy Modular Trainer With Connection

Technical Specification :

Identification of the components and association with their function

Interpretation of diagrams and association with their objective.

Measurement of wind speed.

Analysis of the operation of the installations once assembled.

Analysis of the behavior of the wind turbine.

Assembly of the proposed installations.

Anemometer and wind direction sensor mounted on a stand.

A supporting frame for the modules.

A braking resistance, 250 W, 3 Ohm.

A wind turbine, 400W, 12Vac.

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 network distributor.

A motor kit for driving the wind turbine, composed of a stepper motor and a 300 W power supply.

A dc to ac converter module.

An energy measurement module.

A differential magneto?thermal switch.



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