



OPTION 1: DL WIND-A1G

WIND ENERGY MODULAR TRAINER WITH CONNECTION TO MAINS

Didactic system for the study of the generation of electric energy from a wind turbine and its inlet in the mains network.

The device includes a set of control modules, measures and applications, a wind turbine, a stepper motor to drive the wind generator in absence of wind and descriptive and practical manuals.

The system is composed of the following modules:

- Module for measuring electric and wind parameters
- DC/AC conversion module
- Braking resistance, 250 W, 3 Ohm
- Mains lamps module
- Energy measurement module
- Differential magneto-thermal switch
- Network distributor
- Motor kit for driving the wind turbine, composed of a stepper motor and a 300 W power supply
- Wind generator: 400W, 12Vac
- Wind sensor: Anemometer and wind direction sensor mounted on a stand

It also includes:

- Two level frame
- Set of interconnecting wires
- Descriptive and practical manual
- Wind turbine instruction manual

The trainer includes a software for data acquisition and processing.

