



WIND ENERGY INSTALLATION KIT



DL WIND KIT

TRAINING OBJECTIVES

- To investigate how the wind speed influences the wind turbine output voltage
- To test the braking mode of the wind turbine
- To charge the battery using wind energy

Average training hours: 8h.

The trainer is complete with installation manual.

Wind energy kit for the generation of electrical energy.

TECHNICAL SPECIFICATIONS

- A supporting **frame** for the panel.
- An electronic **current regulation** module, with LCD screen, output 12 V, 30 A.
- A **wind turbine**, 160W, 12V
- An **inverter**, with output at mains voltage, 12 V, 30 A, 300 W.
- A **battery control** switch, 0-600 V, 32A with **battery**, 100 Ah.
- Two **mains voltage lamps**, dichroic 35W and LED 3W, with independent switches.
- Two **12V lamps**, dichroic 20 W and LED 3W, with independent switches.
- **Cables, connectors and accessories.**
- A frame for supporting the electrical components of the system: lamps, switches, protections, etc.