

CUT-AWAY WIND POWER GENERATOR

Mod. WG-SEC/EV

WI

INTRODUCTION

The equipment enables a detailed study of a micro wind power generator suitable for terrestrial or marine environment; it is a real size sectioned and painted model which shows its internal components and the operation principle.

The equipment includes:

- Support structure
- Lifting handles
- Sectioned horizontal axis wind power generator

TECHNICAL SPECIFICATIONS:

Horizontal axis wind power generator

- Aluminium generator body
- 3 composite material blades, rotor diameter: 1,17 m
 - Energy output: approx. 30 kWh/month at 5.8 m/s (13 mph) average wind speed
 - Startup Wind Speed: 3.6 m/s (8 mph)
 - Survival wind speed: 49.2 m/s (110 mph)
- Permanent magnet brushless alternator
- Microprocessor-based controller:
 - Output voltage: 12 Vdc
 - Overspeed protection: electronic torque control

Dimensions: 80 x 40 x 60 cm

Net weight: 20 kg

