

WS-WFG2

Wind Power Generation Structure System (Module Type)



Introduction

- This trainer is designed to learn a principle and structure of a wind power generator and it is composed of experiment modules.
- Wind power generator is assembly type and we need to assemble a rotor and stator of a generator.

Experiment

- The Principle of Generator
- DC Generator by Magnetic Field Winding
- Rotation Magnetic Field type Single Phase AC Generator
- DC Motor / Induction / Synchronous Motor
- DC & AC Generator by Permanent Magnet
- The Three phase Generator
- Rotary Armature type Generator
- DC Motor by Permanent Magnet
- Grid connected inverter experiment

Specification

- Main Voltage : 1 Phase 220 ~ 240V / 50/60Hz
- Meter & Switch Block
- Wind Power Generator Assemble Part
 - Brush & Brush Holder
 - Rotor : 2 & 3 Poles
 - Magnetic Pole
 - Field Coil
 - Alnico Magnet
 - Belt / Bulb / Wrench

Experiment Module

- WS-WFG1-01 Load Module
- WS-SGIC-03 Grid-Connected Inverter Module
- WS-SGIC-07 Load Module
- WS-SGIC-04 Smart Grid Measurement Module
- WS-SGIC-04 Smart Grid Measurement Module
- WS-SGIC-06 Digital Meter Module
- WS-SGIC-02 DC-DC Boost Module

Accessory

- Experiment Manual : 1Copy
- Test Lead (Banana Plug) : 1Unit
- Power Cable : 1Set
- Dust Cover : 1Set

* Product's design and appearance can be changed without any notice.