

## 300W WIND GENERATOR KIT

New  
ED-9732



- 6 rotational wings as mounted
- Inverse current protection
- Built-in charge controller and built-in battery
- Overcurrent/electric discharge protection
- 360° rotation by the direction of wind
- Configurable composite structure by adding optional modules in energy production such as solar cell and fuel cell
- Energy processing experiments in liaison with ED-9710 or ED-9720 model

### > EXPERIMENTS

- Standalone Use
  - » Principle of wind power generation(simulation)
- In liaison with ED-9710 or ED-9720
  - » Wind generation characteristics by the load
  - » Wind generation characteristics by the wind speed
- » Battery charge and inverse voltage protection
- » Composite configuration with solar cell modules
- » Interlocking experiment on Power Processing/Conversion Module
- » Monitoring on AC to DC conversion

### > SPECIFICATIONS

- Generator
  - » Max. Operating Power : 300W
  - » Propeller : 6 wings
  - » Rated Output : 100W(10m/s)
  - » Starting Wind Speed : 2 m/s
  - » Output Voltage : 12 V
  - » Rotational Diameter : 90.3 cm
  - » Turbine's Weight : 4.5kg
- Charging Controller
  - » Regulating cut-in Voltage : 13.8V
  - » Maximum charge Voltage : 14.4V(±2%)

#### GENERAL CHARACTERISTICS

- Dimension
  - » Wing's diameter : 903mm
  - » 680Body's length : 608mm

#### ACCESSORIES

- Cable(Power, Serial, Circuit Connection) : 1set
- User Manual : 1ea