

**Product Name :**  
Vertical Wind Turbine Apparatus**Product Code :**  
ELABHTOOLSUK420001 LAB ENGINEERING**Description :**

Vertical Wind Turbine Apparatus

**Technical Specification :**

This wind turbine is made of lightweight aluminum alloy, titanium alloy, and stainless steel fasteners. Owing to the advanced maglev technology and the power of super magnets. It starts with low wind speed and works stably. Also, it works more quietly and safely.

When driven by wind, the magnetic induction line was cut by coil, and thus AC is generated.

This wind turbine is not affected by the direction of the wind, which is useful in areas where the wind changes direction frequently and quickly.

Unlike traditional horizontal axis wind turbines, a yaw mechanism is not needed to turn the wind turbine towards the wind.

Phase: Three phase,  
Power= 1kw, stress way of blade= resistance,  
Rotating Shaft = Vertical

