

ATLAS2.0 Wind Turbine

ATLAS2.0 2000W Wind Turbine (Fully optimized for ground conditions)

Maximum Power @15 m/s= 2020 Watts

Rated Power @7 m/s= 530 Watts

RPM Range: 70 - 120

Warranty: The 2-year product warranty

Color: Creamy White

Low vibration and low noise 2KW vertical axis wind generator. With its compact shape, it has the lowest starting wind speed and a larger wind catchment area, enabling it to generate electricity at lower wind speeds.

- Aluminium body: Perfect for heating and the cooling effect of stator
- Quieter wings: Improved wing airfoils
- Movement at lower wind speeds: 2 m/s
- Double bearings: Less vibration
- Inox bearing: Stainless
- Catches the wind great
- 3 cable slip ring: This high-tech slip ring is being used in the aircraft industry

ATLAS2.0 2KW Wind turbine of the latest generation. Due to the fabrication of fibreglass reinforced PBT plastics, the rotor blades are very durable and stable but at the same time very light. The body case is equipped with cooling fins and consists of aluminium. The maintenance-free sliding contact (free from charcoal) guarantees a good current flow and thereby no twisting of the cable in the pole.

This turbine has a permanent magnet generator having strong neodymium magnets with steel slots inside. When the wind speed is over 2 m/s, the turbine will be rotating freely by exceeding this holding torque (cogging torque).

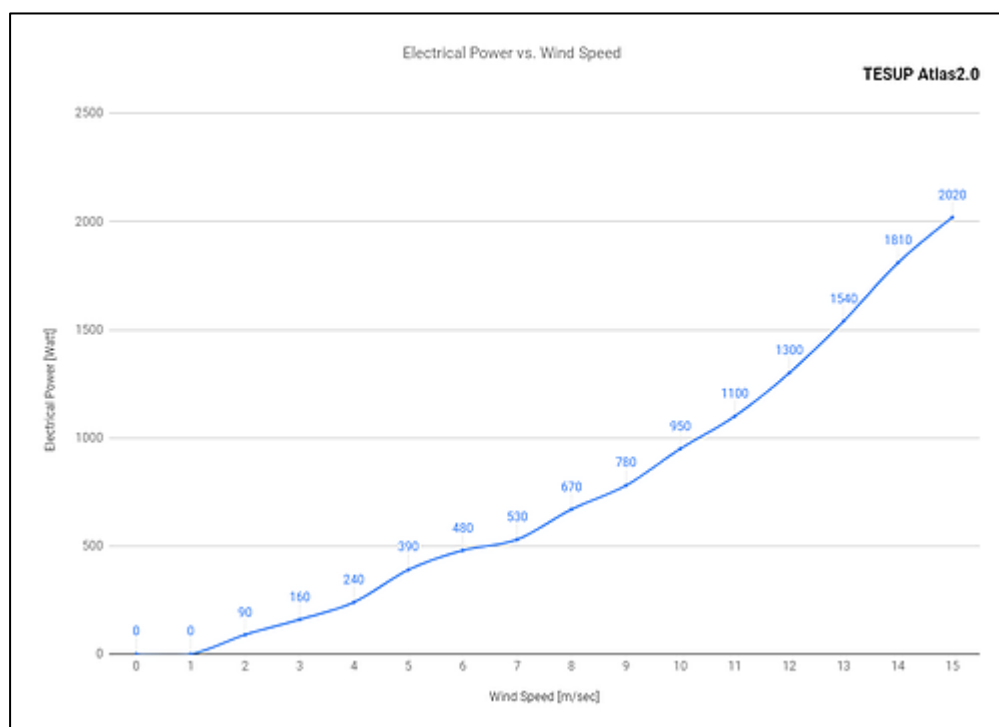
Recommended battery capacities are 4x150Ah. This wind turbine produces AC, please purchase a TESUP wind turbine charge controller to convert the AC to DC output to charge batteries.

- Wind Turbine Body Material: Aluminium
- Decibel: 30 dB
- Colour: White and Black
- Blades Material: Composite

ATLAS2.0 is a high tech low rpm performance wind generator. If a hurricane scale III (50–58 m/s) or above occurs, please cover wind turbine blades. Once the wind turbine blades are covered, they can not catch the wind and this will protect the wind turbine from the hurricane.

Weight of ATLAS2.0 (including body, pole and blades): 20 kg

Box Dimension & Weight
110x50x40 cm & 20 kg



<https://www.tesup.co.uk/product-page/atlas20-48v-2kw-wind-turbine-generator-for-homes-battery-energy-amazon-uk>