# WIND TURBINE

## 4SUN-NE-400M-3 24V

Product code: W0004

**400W**
Rated power

**3**
Number of blades

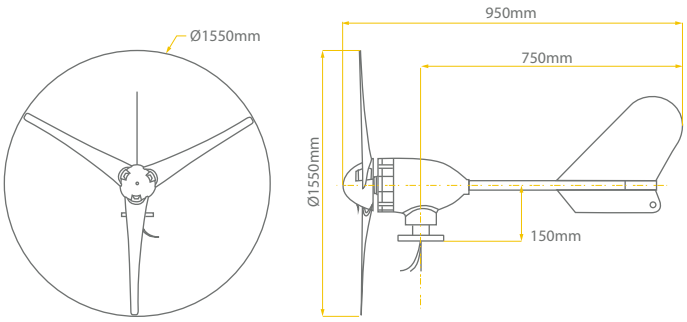


## TECHNICAL DATA

| | |
|---|---|
| Model | Wind Turbine 4SUN-NE-400M-3 24V |
| Rated power | 400W |
| Maximum power | 430W |
| Rated voltage | 24V |
| Take-off speed | 1,5m/s |
| Rated wind speed | 10m/s |
| Wind speed limit | 45m/s |
| Rotor diameter | 1,55m |
| Net weight | 13kg |
| Number of blades | 3 |
| Blade material | nylon |
| Type of alternator | 3-phase AC generator with neodymium permanent magnets (NdFeB), synchronous |
| Generator housing | aluminium alloy |
| Control system | Electromagnet |
| Working temperature | -40°C - 80°C |
| Design lifetime | 20 years |

## FUNCTIONS

- Low start-up speed, high wind energy utilisation.
- Easy installation, optional connection pipe or flange connection optional.
- Optimised aerodynamic blade shape and structure to increase wind utilisation and annual energy production.
- Cast aluminium alloy body, with 2 swivel bearings, so it can withstand stronger winds and operate more safely.
- The turbine has a built-in magnetic brake, which effectively reduces torque at the limiting wind speed and influences the optimal generator operation.




POWER CURVE

