



# 12 volt turbine generator

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Industry leading 12-volt wind turbine, the Coleman 400W Wind Turbine is designed for land and marine location battery charging. The lightweight and compact design enables the turbine to offer power without the need for professional installation. Built for harsh conditions and an integral part of any off-grid power solutions.

No, a separate mounting system must be purchased or fabricated separately.

Yes, this turbine is fully marine grade and ideal for any climate.

No, this wind turbine only charges 12 Volt battery systems.

No, this wind turbine has an integrated sophisticated automatic charge controller included.

Yes, this turbine comes with a 3-year limited warranty.

Our windmill turbine adopts a three-phase synchronous motor with a high-performance NdFeB permanent magnet. The external MPPT controller and Teflon copper wire feature overheating protection. Meanwhile, the outer shell is designed for fast heat dissipation, provides you with long-term use.

The longer the turbine blade is, the more power it produces. The blade is made of nylon fiber, 47in/120 cm in rotor diameter. Nylon material features waterproof, corrosion-proof, and lightweight. In addition, the working temperature is -40?~80?, so you do not need to worry about using it under bad weather.

Our wind power generator features hoop installation, double side blade design, and accurate hub & blade groove. This upgraded wind turbine provides you convenient and fast assembly, avoiding the wrong installation of flange type, saving more effort and time for you.

The windmill generator can start at a wind speed of 2 m/s, survive at 45 m/s. The blade features a yaw adjustment system. It can automatically adjust direction to capture the maximum wind energy. Also, with a double ball bearing design, the turbine will have low vibration when the blade is rotating.

This home wind turbine is combined with a die-casting aluminum body and a stainless steel tail. The features are casting shape in one, high intensity. In addition, the surface of the turbine is finished with baking varnish, which features corrosion-proof, waterproof, and durable for a long lifespan.

The small wind turbine generator kit can produce energy to meet your various charging requirements. Meanwhile, it is convenient to install and maintain, perfectly suitable for charging needs of home monitoring,



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motor home, boats, gazebos, chalets, marine, etc.

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