

USER MANUAL – USB MINI WIND TURBINE – 02/2018

INTRODUCTION: Thank you for your purchase! You have made a great choice by helping to improve our planet while also generating power wherever you need it. This mini wind turbine is designed to harvest wind energy in a way that is portable and easy to set up. It is designed to provide a constant voltage of 5 volts. The maximum charging rate will only be achieved at the highest wind speeds.

HOW IT WORKS: Your wind turbine is equipped with a USB output plug. You may insert any USB cable or device into the plug for charging purposes. Your mini wind turbine has a state of the art voltage regulator and overvoltage/overcurrent protection circuit board. It will always output either 0 volts or 5 volts DC. The only thing that will change is the rate at which your device charges. The rate is determined by the wind speed. So for example, at lower wind speeds the turbine may produce 5 volts at 1 amp and at maximum speed the turbine will produce 5 volts at 2 amps.

USEFUL TIPS:

- Sometimes with low wind the turbine may need a “jump start” spin on the blade to get it started.
- Make sure to point the turbine directly in the direction of the wind.

As always, if you have any questions please don't hesitate to contact us through our website at <http://www.cuttingedgepower.com/about-us>. We typically answer all questions within 24 hours.

BLADE REMOVAL/INSTALLATION:

All Cutting Edge Power blades are designed to be press fit on and may have additional set screws to hold it. If you ever need to remove or replace the blade, please follow the steps below.

Blade removal: loosen the set screws (if equipped) on the blade. Remove the blade with a screwdriver, or other prying tool.

Blade installation: First try to push the blade on by hand. If it's not possible, you can set the blade on a hard surface and push the turbine on the blade. Install the 2 set screws to lock the blade in place. Do NOT install 1 set screw otherwise the blade will not rotate properly.

Please note: While Cutting Edge Power is proud to be an American company dedicated to producing a high quality product, we are not responsible for any property or personal damage to you or your device(s) due to use/misuse of this product. Always use good judgement and never try to modify or disassemble this product.