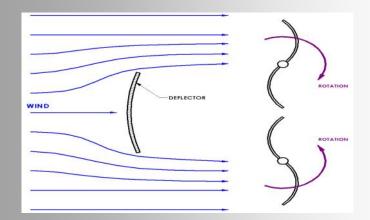


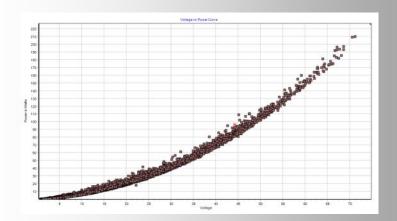
Thank you for requesting information on BE-WIND products.

The BE-WIND product line was founded and developed from the aerospace industry. Over 10 years in development and testing, using the state of art Design software and manufacturing process. We ourselves spent many years researching the requirements and concerns of invested people in the small wind market. As well we spent time reviewing many research documents and thesis on Wind technology. Having set high goals to produce a product that was efficient and durable.

The result was our patented Dual Axis Vertical turbine with a diversion and accelerator for a front shield. The forward shield not only prevents the wind force on the back side of the rotating blades, but also accelerates air flow to the production side of the blades. The second turbine gives us balance and redundancy. The system automatically aligns itself to always be focused directly into the wind to ensure best performance.

The self-alignment is an automatic design feature and can handle large wind gusts and sustained wind speeds of over 50 m/s and more. Yet able to have a kick in speed of only 1.5 m/s and extractable useable power, starting at 3 m/s.





Our focus is to supplement your power needs as best as possible. Either trying to reduce dependency from the grid and the increasing energy costs. Or support for battery systems for remote or backup power Applications. With our most advanced MPPT wind charge controller on the market. We make no claims to remove 100% of your power consumption, but we hope to put a reasonable dent into it. The ability to structure small Micro grid solutions, have opened a much larger market and power capabilities for BE-WIND .

If Off grid is your requirement, we can support Storage systems and join with Solar and Hydrogen to offer a Hybrid approach to maintain a possible 24-hour power source. We offer one of the best Warranties in the business and stand behind our US manufactured product. We continue to develop and test new innovative ways to make our technology more robust and less expensive as well as maintenance free, in many ways, without sacrificing quality and durability.

2023 NEWS UPDATE

We have recently removed our EOW-100 DUAL Turbine System from development and sales in order to completely focus on our flag ship Products the EOW-200-300 dual series turbines.

With an introduction to our new EOW-200 ECO turbine. We will maintain the EOW-100 as a special

Request product, for those in extreme weather conditions, or areas of violent weather needs.

The New EOW-200 Eco is exactly the same design as our most popular EOW-200 Composite.

Except this system will be at a much lower introductory cost. Because of the materials and construction. This turbine will offer. A new lower cost main structure, FRP constructed blades and shield, Main structure composed of high strength laminated Bamboo, coated for protection like a Wooden Boat hull. Lower cost components and will support only a 2-year warranty. As well It will only support the latest 2 x 500-watt generators for a total 1-kw hour turbine. All based around our new MPPT charge controller, For 24/48-volt battery charging only.

Our technology has been recognized around the world and is currently the only Dual production system in the world designed for the Urban environment and individual low-cost power production.

We offer one of the best Warranties on the market to date and continue to support our customers long after Warranty.

One of the most exciting things about our technology, is the flexibility to adjust the system for most applications and or environmentally cosmetic blending.

Customer requirements, from marketing, events, special lighting, optional color configurations and electrical Configurations. The systems are so silent you will not even know there running.

With virtually Zero Maintenance, no other system worldwide can compare, backed again with one of the







Recognition World Wide.







Washington, DC

October 20, 2020

Re: Letter of Support for Micro grid energy and StorageBE-WIND llc

To Whom It May Concern:

Micro grid energy and StorageBE-WIND llc competed with over 800 other companies in the 2020 AFWERX Space Challenge looking for innovative solutions to support Reimagining Fixed and Mobile Energy Generation.

Subject matter experts from the government have carefully evaluated this submission and ranked it within the top 15% of all solution submissions. Reimagining Fixed and Mobile Energy Generation is therefore determined to be in possession of a solution that meets critical AF needs.

As the AFWIC Deputy Team Lead in Disruptive Technologies, I can attest to the potential this solution has to meeting critical technical needs within our Mission Area.

Our scientists and engineers in this area are interested in utilizing the products from this research effort to advance their programs and cooperate with our acquisition partners at agencies within the DoD to enable superior technologies and capabilities to ensure US energy superiority.

Nathan K. Chang

NATHAN K. CHANG, Lt Col, USAF AFWIC Deputy Team Lead, Disruptive Technologies nathan.chang@us.af.mil

Generator technology:

Currently our generators are high performance PMG low RPM, low torque to take

BLADE GAPING TECHNOLOGY

advantage of most optimal wind conditions. With a maximum of 400 rpm under

max rated wind conditions for all 3 designs. Developed thru blade gaping technology and applied directly

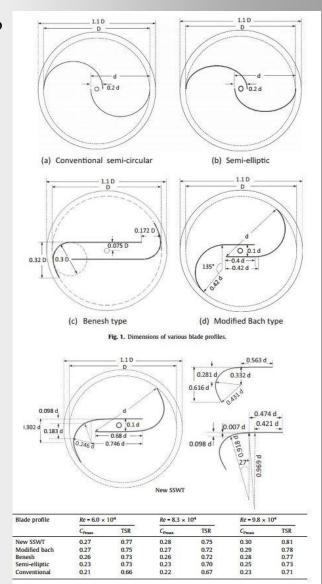
into the aerodynamics of the system. Please review the systems Below and feel free to contact us or any distributor to discuss

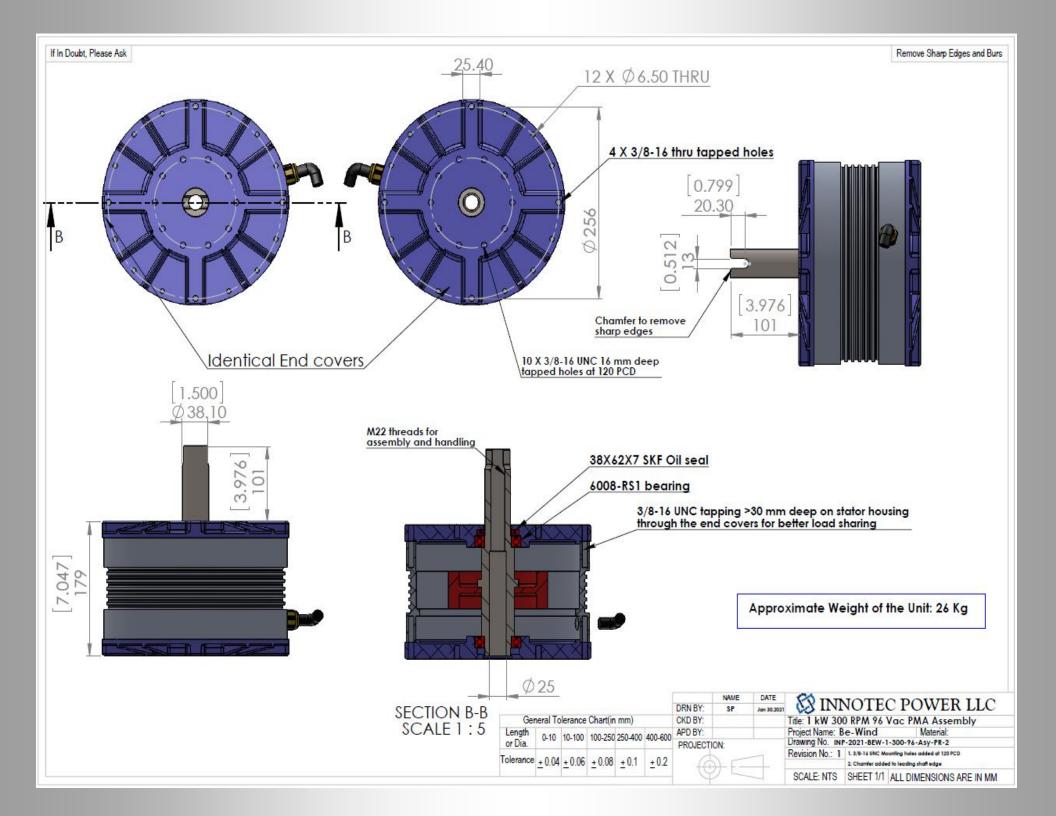
Which Options would best fit your requirements and Budget?

All generators are 3-phase 96 VAC rated at 350 rpm.

As well all generators are undermounted for quick service or replacement if required, so Little to no disassembly of the turbine is necessary.

	Generator	Power Curve	Turbine Power Curve		
RPM	Vdc	Vdc Watts	Turbine Watts	■ Watts ■ Turbine Watts	
50	20	167	28	1000	
75	30	250	63		
100	40	333	111		
125	50	417	174		
150	60	500	250	750	
175	70	583	340		
200	80	667	444		
225	90	750	563	500	
250	100	833	694		
275	110	917	840		
300	120	1000	1000	250	
				20 40 60 80 100 1	





PRODUCT OVERVIEW AND DESIGN INFORMATION

EOW-200-ECO SERIES NEW FOR 2023

Primary Applications: Remote small homes or cottages, tiny house construction,

Container construction, remote Buildings and roof top structures, Docks and Decks or Shore power for Boats as well as Remote difficult to get too areas.

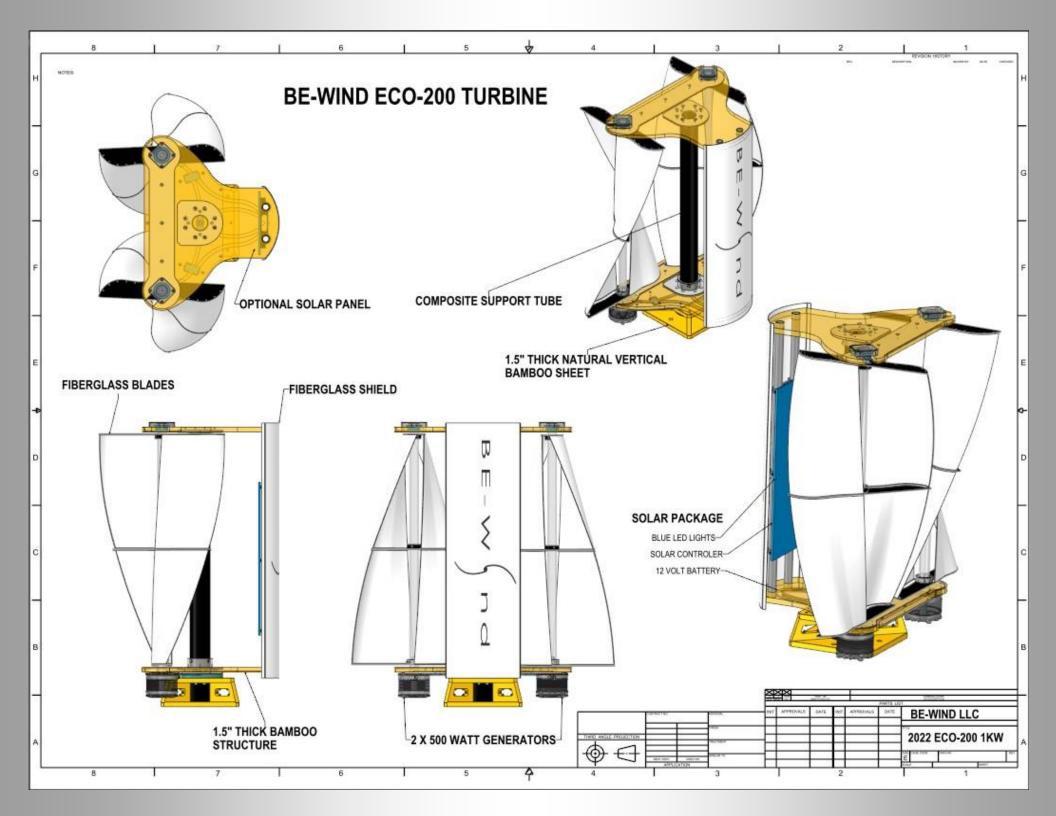
Offering, Battery support, smaller power requirements. Power configuration are 2 x 500 generators

96-volt VAC 3-phase Which are converted using our New MPPT Future Energy controller to DC for most storage applications. 24-48 volt

This system is focused around Battery storage systems and introductory wind turbine enthusiasts. Compact and durable. This system boosts a much lower introductory Cost but maintains the BE-WIND performance.

The Bamboo structure is manufacturing the same as the Composite units, but require a little more maintenance. Special coating is applied To the Bamboo material to secure it from weather conditions.

To maintain the wooden weather resistance. Similar to a wooden marine boat. The new Fiberglass laminated blades and shield are also less costly than the Carbon fiber, yet support the structural integrity for longevity.



EOW-200-2 DUAL SYSTEM

All around the EOW-200 is our most popular system to date and has been the

Flagship from the start. Perfectly matched for almost any Application including

Homes and small business, Farmers, Ranches and Cottages or Island homes.

The design brings the most efficient wind energy in the world. 2023 series

Now offers a Complete energy package, with nothing other than wire connection.

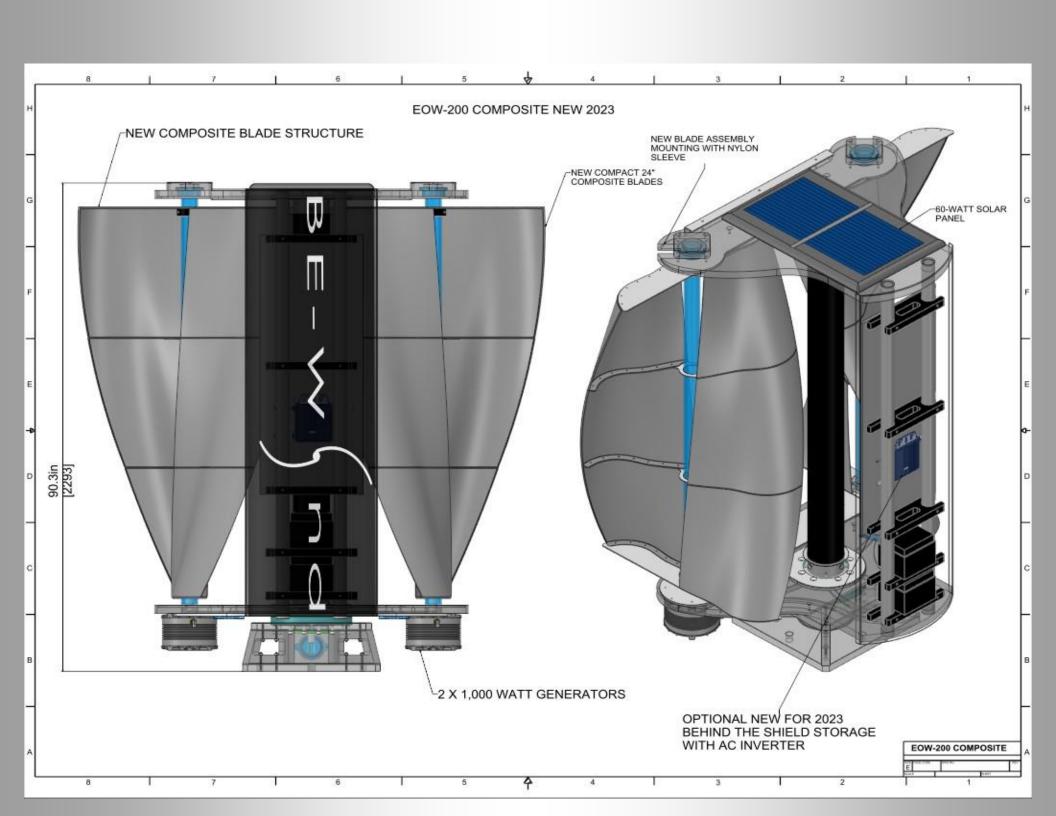
As an option, we can now include the complete electrical kit, mounted directly on the turbine

And secured behind the forward shield.

Compact enough for easy shipping and installation, yet capable to offer the best performance and annual power production. Flexible with multiple color configurations and electrical configurations. The new 24" blade design and Top slotted structure allows for a more compact shipping solution, reducing the larger shipping crates.

This system stands alone amongst any vertical system on the market.

Designed for extreme wind conditions. This is our recommended product for standard Wind installations.



EOW-300 SERIES

The EOW-300 has been redesigned and enhanced for higher production.

The 300 is now available as a total re-design to incorporate a more powerful system

That will have a specific focus and customer base.

Catered to Micro grid and higher Power applications, this is a perfect system

for low-cost micro grids and hybrid systems or plainly just more power needs.

The new design offers 2 x 2-kw, Coming soon 2 x 4-kw for max output of 8 kw and will

maintain upgradability to future power plants.

This unit was designed as a Micro grid or Hybrid solution with a similar design,

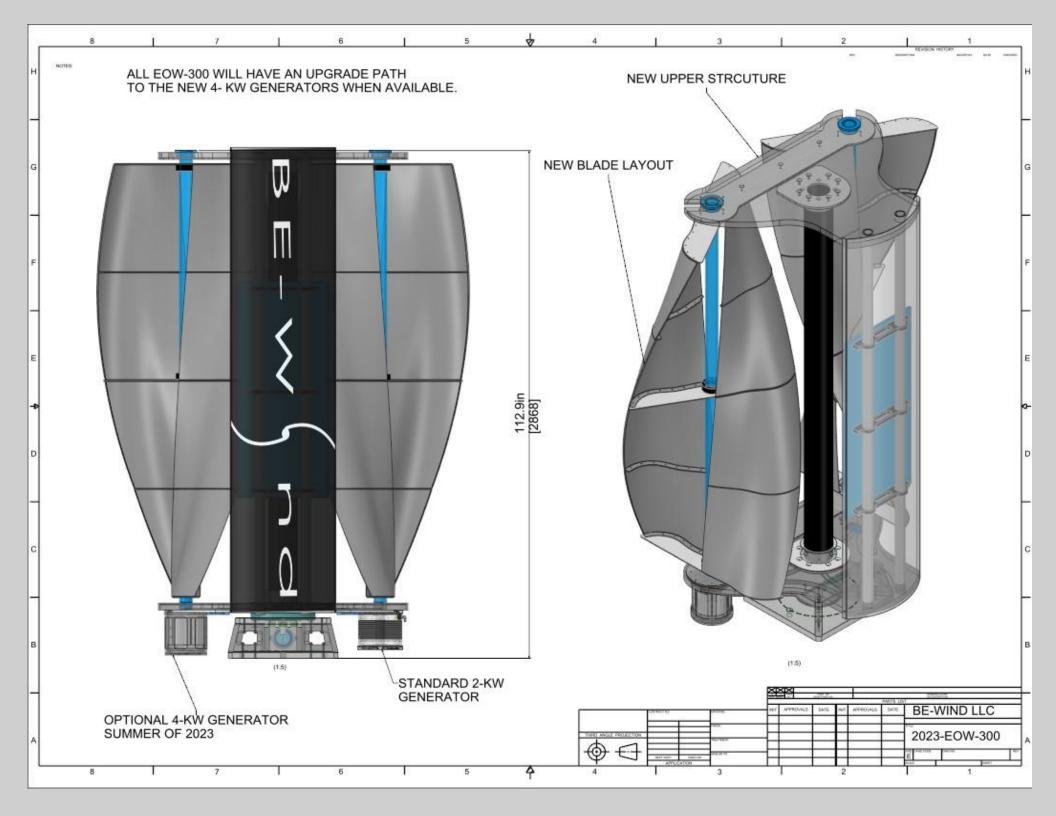
but with a higher re-enforced sub structure to support the bigger generators

and higher wind loads. Designed specifically for Business and Micro Grid applications, requiring

larger power needs or Extreme home locations, Ground based Telecom and localized

EV charging sources. along with new electronics for

Hybrid interaction with Solar applications and larger storage capacities.



MOUNTINGS AND SPECIAL APPLICATIONS

BE-WIND has developed many special mounting configurations for clients all over the world.

Our standard mounting configurations will now consist of 12" Diameter extruded FRP

Composite pole. With several ground attachment configurations, this pole is standard length

Of 20 ft. and should be ground mounted with at least at least 5 ft. secured in the soil.

This same pole design can be customized for different applications and mounting structures.

At BE-WIND we can help design the best attachment and or mounting system for your requirements.

Our Universal mounting structure, supports all our systems, current and past and is attached to the pole

Structure. Please review the multiple mounting designs and let us know which best fits your application.

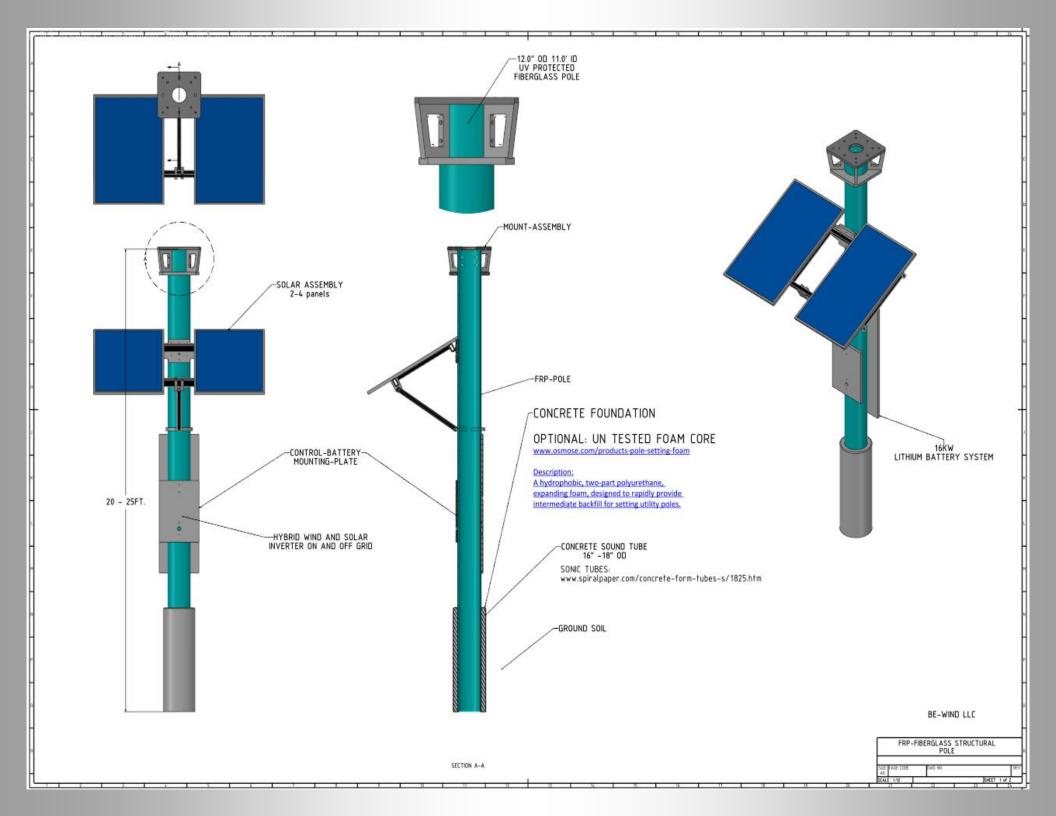
Below is our most common design concepts with additional accessories to support single or dual

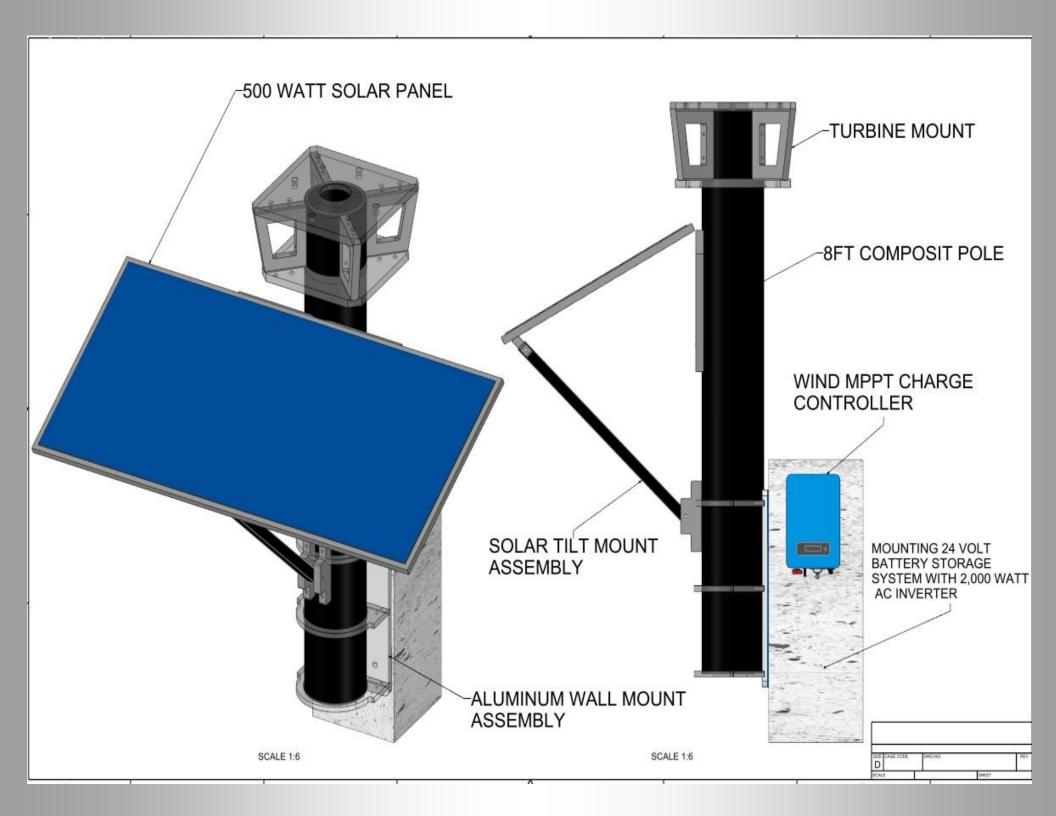
Solar panels and or other accessories.

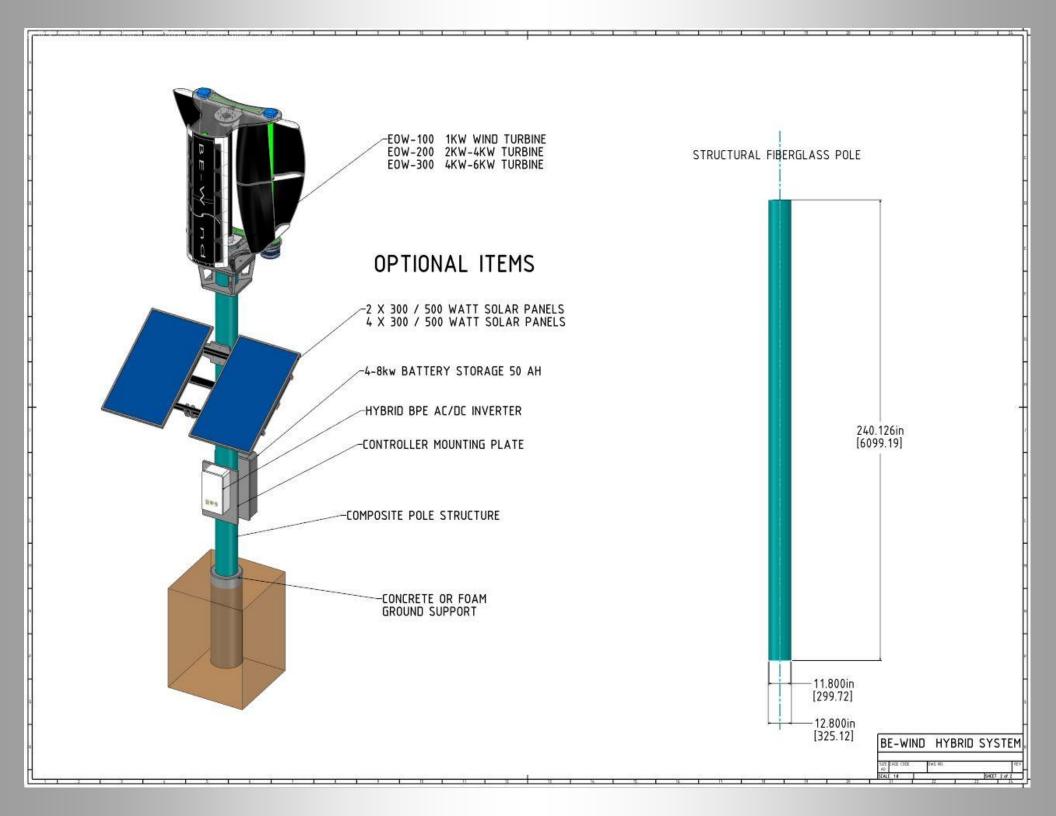
Custom configurations are available with optional solar mounting configurations.

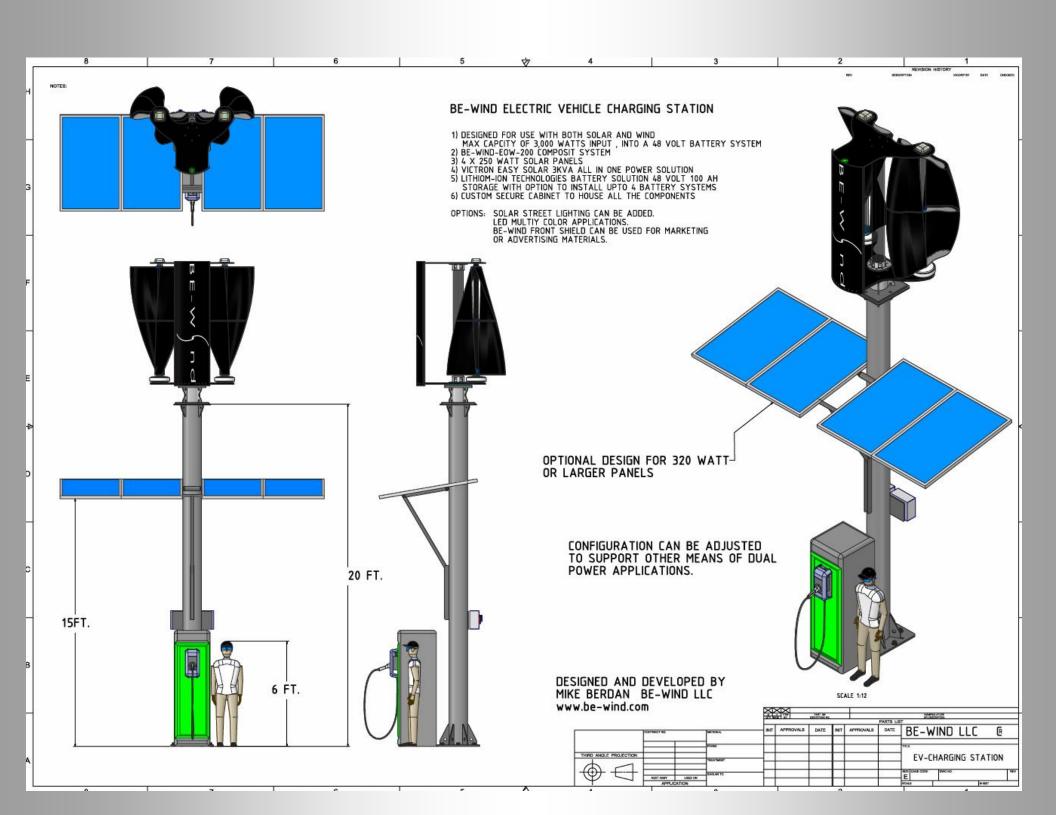
Either single, dual or quad Solar panels for special configurations and power requirements,

can be designed into the mounting supports. Contact the distributor or BE-WIND to discuss options and designs.









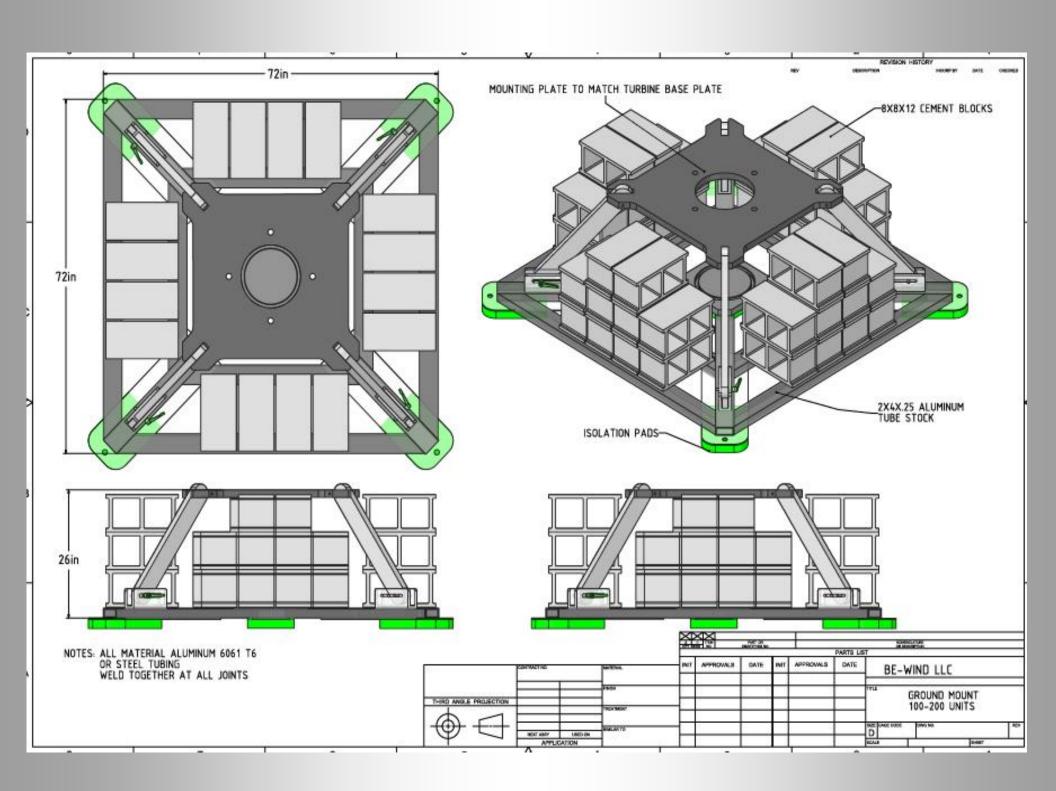


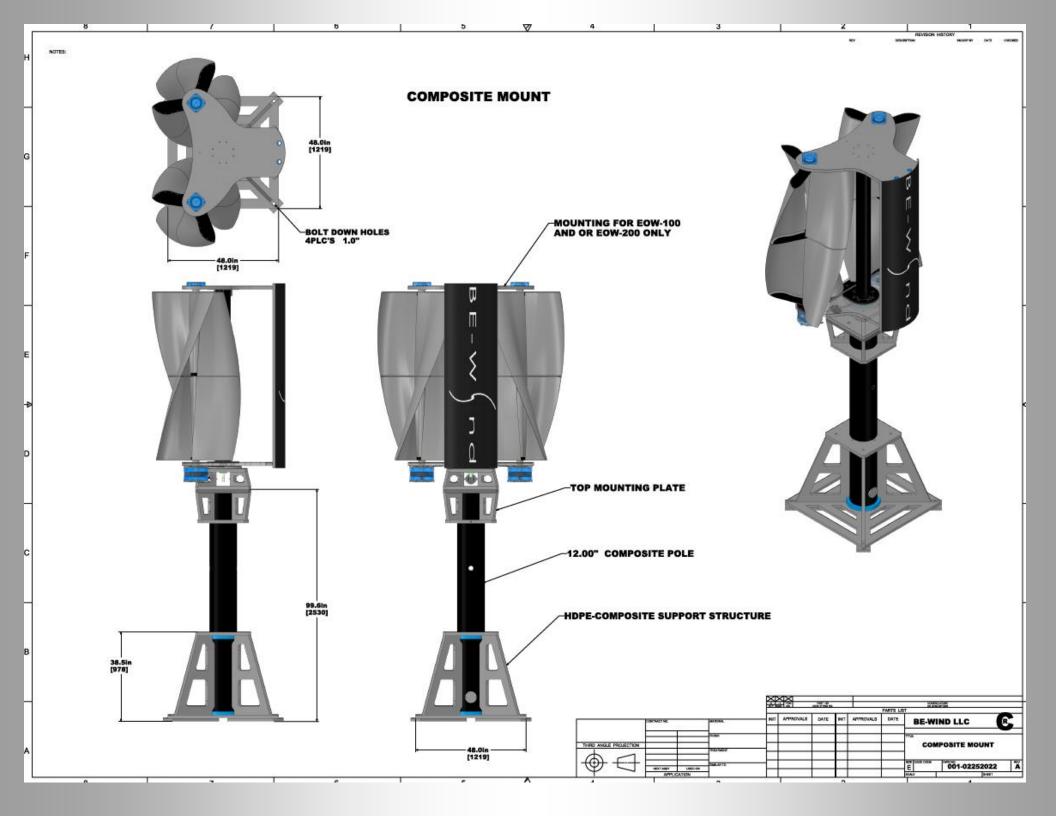


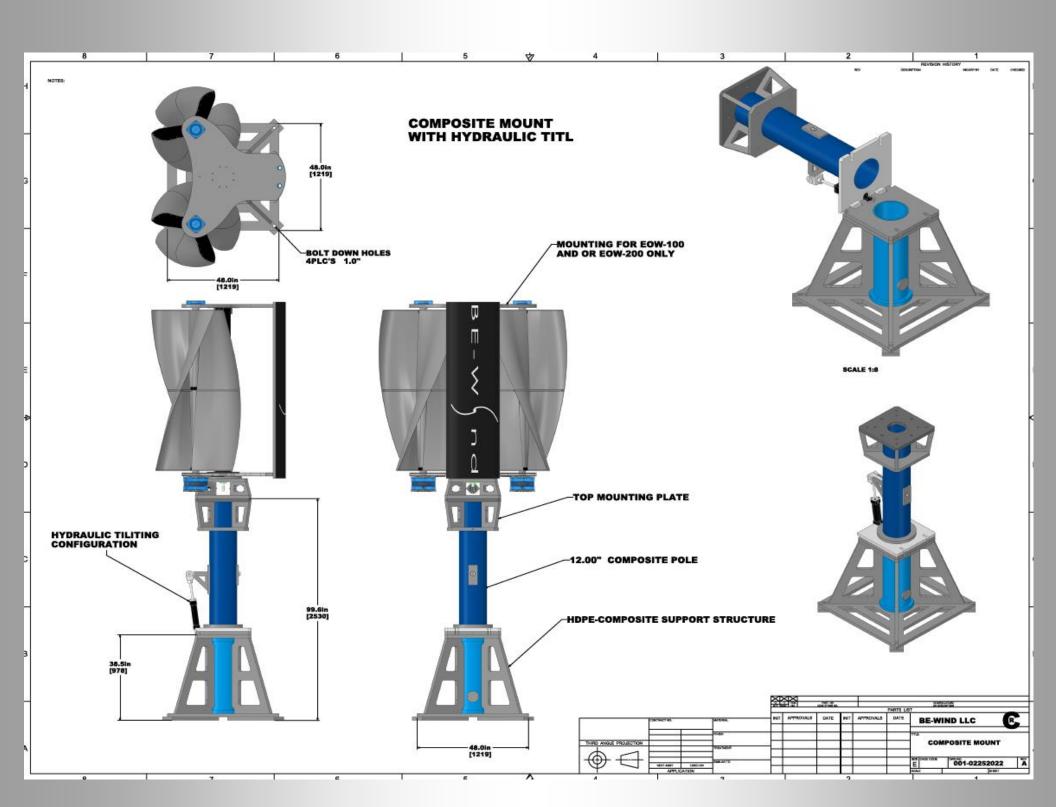




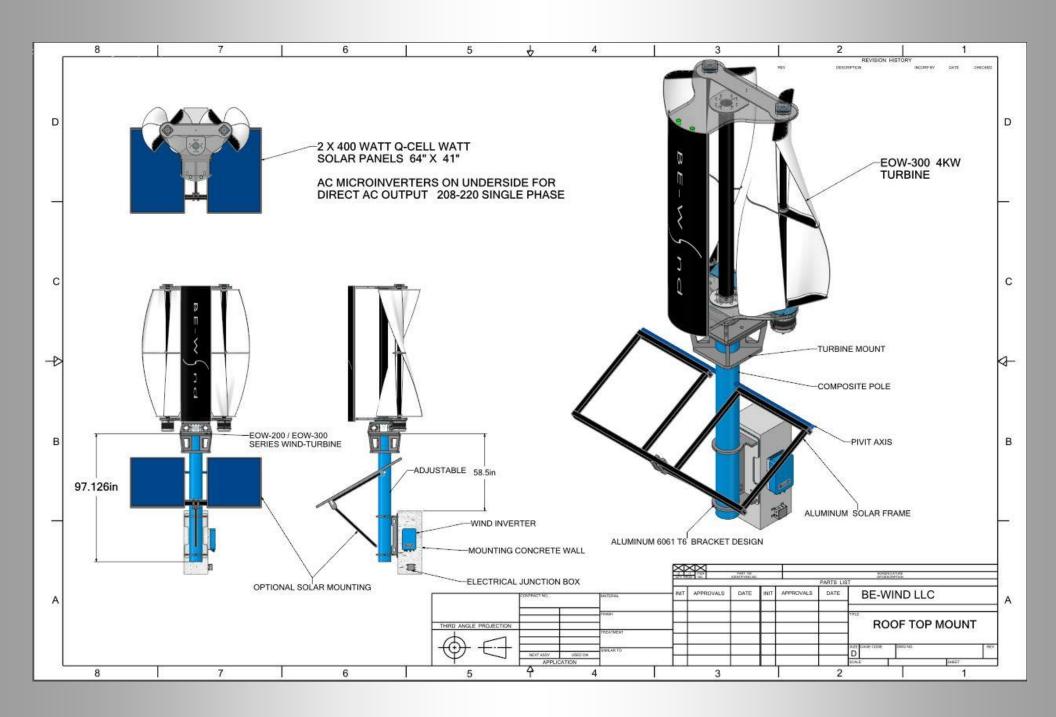


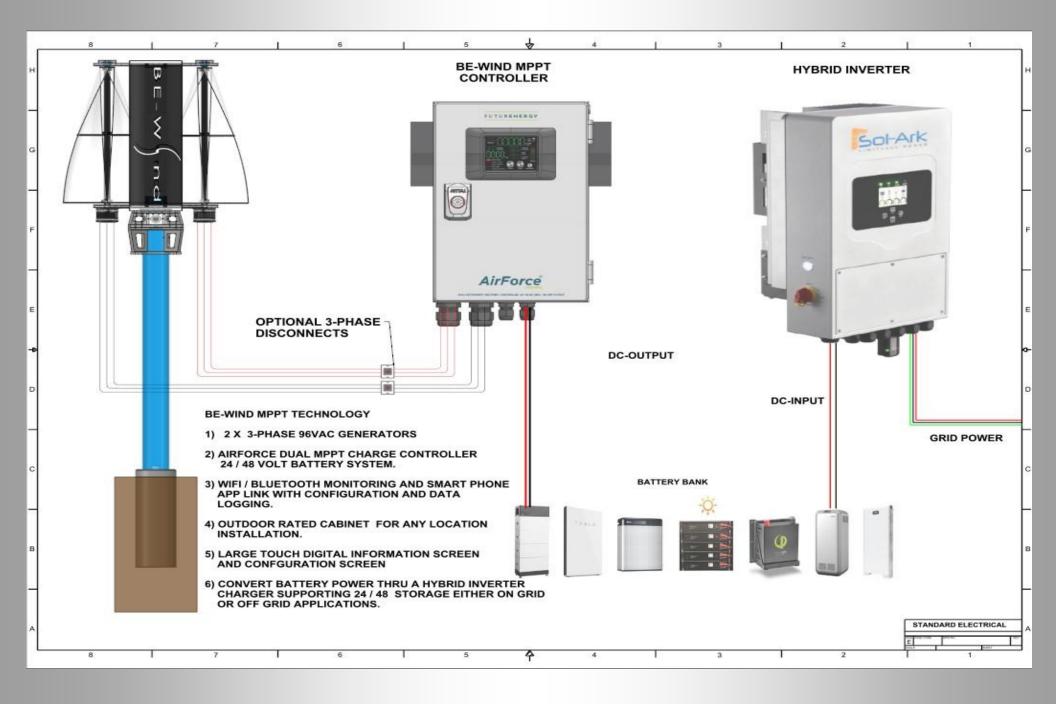






Side Mounting Configurations.









Please feel free to reach out directly to BE-WIND or any of it's listed distributors for further information, including pricing and delivery schedules. You can check out more information as well on our Website, Facebook page And LinkedIn page and articles.

Also feel free to reach out to me at mberdan@be-wind.com

