MWW®

MOBILE WINDWALL®

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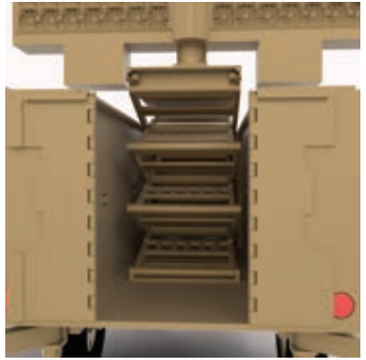
The Mobile WindWall® (MWW) was designed to be a mobile power unit to provide stable power to any place in the globe. A micro-grid on a trailer essentially. The MWW allows for a power source that reduces logistical needs and increases power resiliency. The 98kW Advanced WindWall provides the ability to charge the MWW anywhere in the world without the need for any additional support.

Turbine Specifications		
Max output	:	98kW
Max Voltage	:	Variable AC/DC[1]
Max Amperage	:	Variable Ac/DC[1]
Size	:	120in x 96in x 24in
Weight	:	900lbs[2]
Cut in speed	:	1.5mph
Max wind speed	:	100mph
Temperature	:	375° F to -15° F
Material make up	:	GF Plastic / CFR Polymer / Ultem / Stainless steel / Copper / Ceramic / Neodymium / AT²LAS™

Battery Specifications		
Max storage	:	100kWh
Voltage Out	:	120v/220v
Max Amperage	:	200a
Weight	:	1300lbs[2]
Temperature	:	375° F to -15° F
Charge Controllers	:	Solar DC / Dual 60kW Gas Generator Inputs / Shore Power input

**Note: (1) Voltage and amperage is variable with set up of control boxes. Due to the nature of the windwall technology we can link the wind turbines together parallel or serial to increase voltage or amperage. (2) Estimated Weight.*



Portability
The MWW was built upon a mil-spec trailer designed to be towed by a light pick-up truck. While fitting inside a 20ft Connex container.

Space Age Composite
The MWW is built out of a revolutionary composite material called AT²LAS™. While being strong as steel it is also 40% lighter than aluminum. AT²LAS™ is corrosion resistant and non-conductive. The AT²LAS™ material also has another unique property as that it is bullet resistant. Utilizing this material makes the MWW ideal for war fighter support both home and abroad.

Battery System
A Multi-Chemistry Battery system with a total storage of 100kWh was built into the MWW. The battery and control system are at the heart of the MWW allowing a 120v or 220v output. This allows for everyday over the counter objects to be plugged directly into the MWW increasing versatility.

Ideal Uses
- Forward Operating Bases
- Disaster Relief
- Work Sites
- Mobile power

Ease of Use
The MWW can be deployed with just a two person team, in less than 1hr, raising the Advanced WindWall™ (AWW)- to 30ft. However the Battery system allows for power to be utilized as soon as the PEPS gets to location.

On Board Charging
The MWW was designed around our Advanced WindWall™ (AWW) product. The peps has on board 98kW Wind turbine system on board. The AWW allows charging from 1.5mph to over 100mph. This greatly extends the operational time of the MWW without the need for further logistical or fuel based support.

Multi-Recharging system
The MWW has designed on board multiple charging inputs to keep the batteries charged. Two 60kW inputs with auto-start/stop plug ins. As well as a shore power input accepting voltages from 210v to 480v and cleaning the power to keep the MWW safe from voltage spikes and dirty power. This multi-charging keeps the MWW running in any conditions.

Contact Info
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