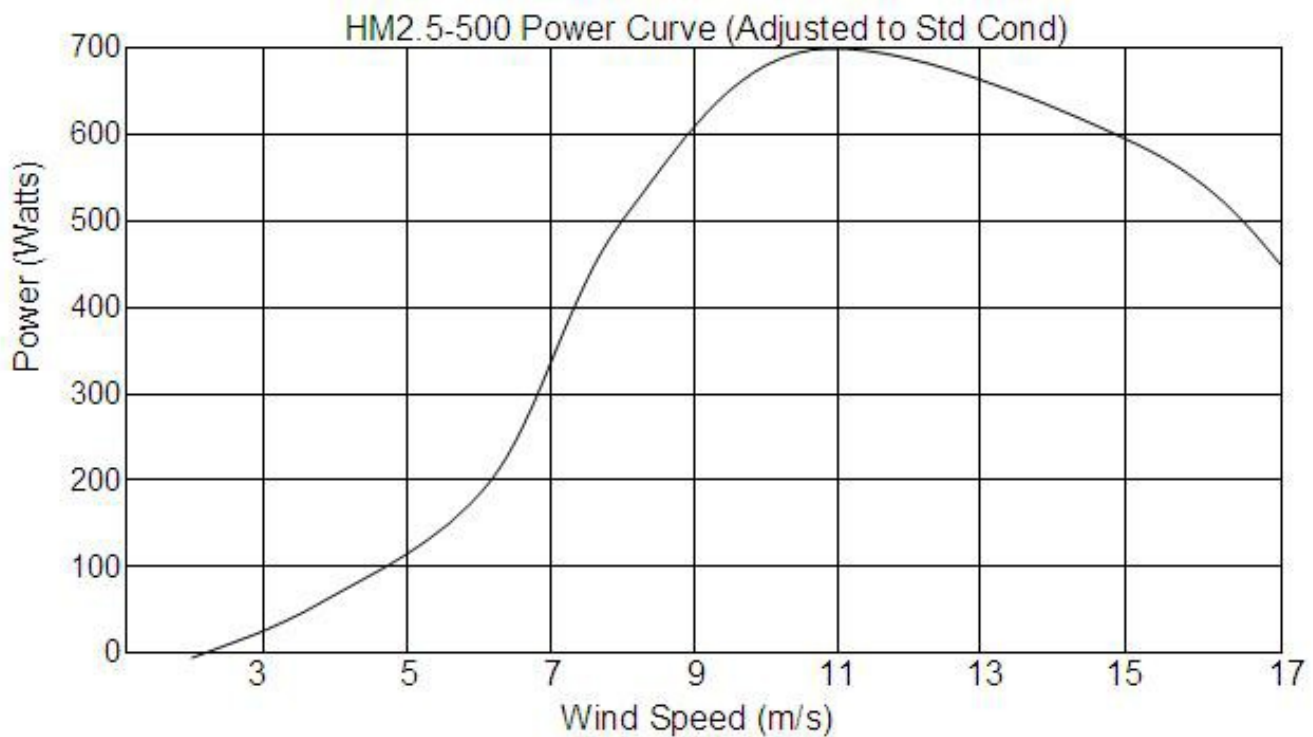


### Wind Turbines:

Wind Turbines from Earth-Tech Energy Systems are second to none when it comes to quality, performance and payback on your investment. Our wind turbines are high voltage, three phase turbines which are three times more powerful than the old standard single phase turbines. That means three times more output and three times faster payback on your investment. We use the highest quality stainless steel components treated with long lasting rust protection and greased using high grade lithium grease which means our turbines are virtually maintenance free. These high efficiency turbines start in lower wind speeds than older style single phase turbines and also perform at their peak in lower wind speeds. Battery back up for emergency power and buffering the system is included with our package, not an option like other grid tie systems. Our wind turbines come standard with a 15 year warranty.

### Controller

Our controller is state of the art and the only controller on the market that is blending the high voltage, high efficiency turbines with solar power. We are proud to be leading the way in hybrid technology. All grid interactive components are UL approved with GFI protection, Island protection and surge protection to meet grid tie requirements.



**Rotor Diameter 8 feet**

**Blades: 3-Fiberglass-Reinforced  
Plastics**

**Start-Up Wind Speed (m/s): 5.5 mph**

**Voltage: 12,24VDC**

**Rated Power: 500W at 17.5 mph**

**Overspeed Protection: Side-furling  
and Auto-brake**

**Survival Wind Speed(m/s): 110 mph**

**Rated speed 450 rpm**

**Generator Type: Permanent  
magnetic generator**

**Weight 101 lbs**