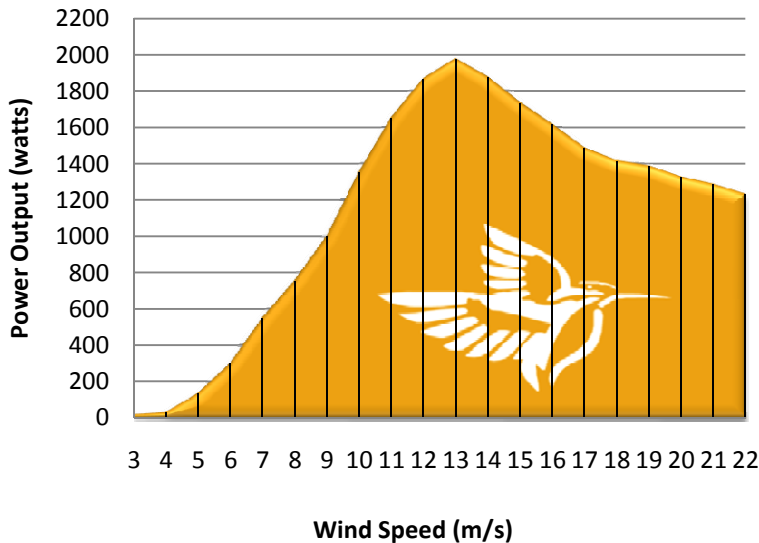




Turbine Technical Parameters

Rated Power (W):	1,000 Watts
Maximum Output (W):	2,000 Watts
Charging Voltage (V):	DC 60V
Output Voltage (V):	110V to 240V
Number of Blades:	3
Blade Material:	GRP (Glass Fiber Reinforced Plastic)
Blade Diameter:	3.1m (10 ft.)
Start-up Wind Speed:	3m/s (6.7 mph)
Rated Wind Speed:	9m/s (20 mph)
RPM:	500
Speed Regulation (Protection):	Yawing (Mechanical) + Manual
Wind Energy Utilizing Ratio (Cp):	45%
Generator Output:	Single-phase Frequency Conversion AC
Output AC Frequency (Hz):	0-400
Rate Charging Current (A):	15
Maximum Charging Current (in a short time) (A):	30
Noise (5m behind turbine @ 5m/s gusting):	30 dB
Generator Efficiency:	80%
Generator Weight:	15kg (33 lbs.)
Turbine Weight:	65kg (143 lbs.)
Off Grid Battery (12V):	5 pcs.
Standard Warranty:	3 Year
Extended Warranty:	5 Year

Power Curve Data Chart



Annual Electrical Output

	3	4	5	6	7	8	9	10
Average Wind Speed (m/s)	3	4	5	6	7	8	9	10
Average Wind Speed (mph)	7	9	11	13	16	18	20	22
Annual Power Output (kWh)	364	1093	2369	3644	5010	9215	9566	11843

Available Towers

Available Towers	Size
Guyed-Wire	18m (59.4')
Wireless	18m (59.4')

Standard Equipment

Grid-Tie	Not Available.
Off Grid	Wind-Solar controller, charger & unloader.