

VAYU



Triple P Technologies

only for green

Dawn....with new wings

We are bringing the latest technology of permanent magnet generator operated small wind turbines ranging from 500 Watts to 30KW.

We provides the installation & commissioning of Turbines which has been used for small scale industries, Water Pumping, Telecommunication tower, Railway Signaling, Electrification of remote villages, Schools, Colleges, Apartments, Villas etc.

The company has goal to do the trading business in sourcing wind turbine generator components along with solar modules.

Based in Pune, company is in close proximity with various workshop and business units. The company has a decade and half years experience and efficient team to cater all type of customer needs.

Aim....and Strategy

Generate your own power

Vision....and Strength

To be the most reliable service provider.

To be the partner in customer innovation projects.

To provide complete solution to customer challenges in small wind turbine energy systems.

Our Commitment to Sustainable Energy

We at Triple P Technologies Commit to our valuable customers that we shall always strive for high quality and innovative products and services to protect the environment and health of human being.

Harnessing the wind to generate...your own power at most reasonable cost which affords to common people, to deliver the excellent quality goods and services to our valuable customers and to protect the environment and health & safety of our employees.

Power...Gallery

Rating	500W	1KW	2KW	3KW
Model	Vayu ø 2.7 -500W	Vayu ø 3.1 -1KW	Vayu ø 3.8 -2KW	Vayu ø 4.6 -3KW
Design Lifetime(yrs)	20	20	20	20
Rated Power (KW)	500	1	2	3
Maximum Power(KW)	1.0	2.0	3.2	4.5
Rated Output Voltage	DC 24V	DC 24V	DC 48V	DC 48V
Output Phase	3	3	3	3
Operational Frequency(Hz)	50	50	50	50
Startup wind speed(m/s)	7.3	2.5	2.5	2.5
Rated wind speed(m/s)	9	9	9	10
Cutoff wind speed(m/s)	18	18	18	18
Survival speed(m/s)	50	50	50	50
Rotor Diameter (Mtrs)	2.7	3.1	3.8	4.6
Blade Material	Fibre Glass	Fibre Glass	Fibre Glass	Fibre Glass
No .of Blade	3	3	3	3
Max. RPM	600	500	450	400
Generator Type	PMG	PMG	PMG	PMG
Speed Regulation	Auto Furling	Auto Furling	Auto Furling	Auto Furling
Drive Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
Operating Temp.	-40 to +60	-40 to +60	-40 to +60	-40 to +60
Warranty Yrs	2	2	2	2



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Power...Gallery

Rating	5KW	10KW	20KW	30KW
Model	Vayu ø 6.4 -5KW	Vayu ø 8 -10KW	Vayu ø 9 -20KW	Vayu ø 10 -30KW
Design Lifetime(yrs)	20	20	20	20
Rated Power (KW)	5	10	20	30
Maximum Power(KW)	7.5	15	30	45
Rated Output Voltage	DC 120V	DC 240V	DC 240V	DC 240V
Output Phase	3	3	3	3
Operational Frequency(Hz)	50	50	50	50
Startup wind speed(m/s)	2.5	2.5	2.5	2.5
Rated wind speed(m/s)	10	11	11	11
Cutoff wind speed(m/s)	20	22	22	22
Survival speed(m/s)	50	50	50	50
Rotor Diameter (Mtrs)	8.0	9.0	10	11
Blade Material	Fibre Glass	Fibre Glass	Fibre Glass	Fibre Glass
No .of Blade	3	3	3	3
Max. RPM	200	180	140	160
Generator Type	PMG	PMG	PMG	PMG
Speed Regulation	Auto Furling	Auto Furling	Auto Furling	Auto Furling
Drive Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
Operating Temp.	-40 to +60	-40 to +60	-40 to +60	-40 to +60
Warranty Yrs	2	2	2	2



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