

Quiteman 1kw low wind VAWT System

OVERALL

Start wind speed	2.5 m /s
Working wind speed	3 -25 m /s
Rated Wind Speed	10 m /s
Survival Wind Speed	55 m /s
Rated RPM	55

TURBINE

Numbers of Blade	5 PCS
Blade Composition	FRP (Fiber Reinforced Plastics)
Rotor Height	1.65m
Rotor Diameter	2.5m
Standard Color	White (optional)

GENERATOR

Type	3-phase, Permanent magnet generator (PMG, Direct Drive)
Nominal Voltage	24V DC/48V DC
Nominal Speed	55 RPM
Maximum Speed	70 RPM
Rated Power	1.0 KW
Maximum Power	1.5 KW

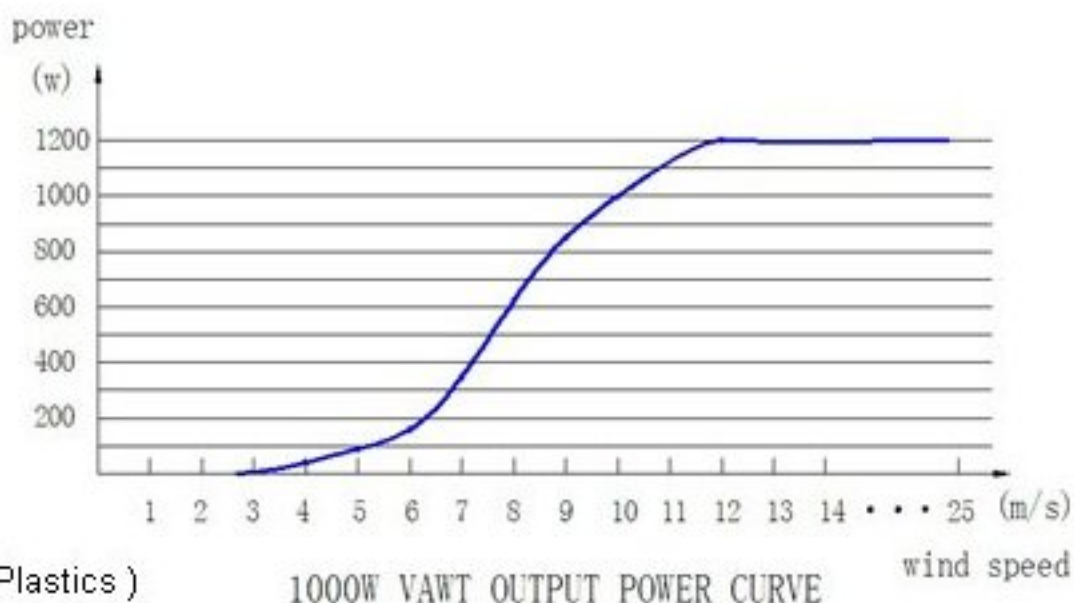
CONTROLLER/INVERTER/BATTERY (optional)

SECURITY

Stop method	By manual brake and electromagnet control
Protect method	Intelligent control full-automatically

TOWER

Tower type	1) Galvanized guy wires tower 2) Galvanized free stand tower
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