

T-5 VAWT 5kw Vertical Axis Wind Turbine

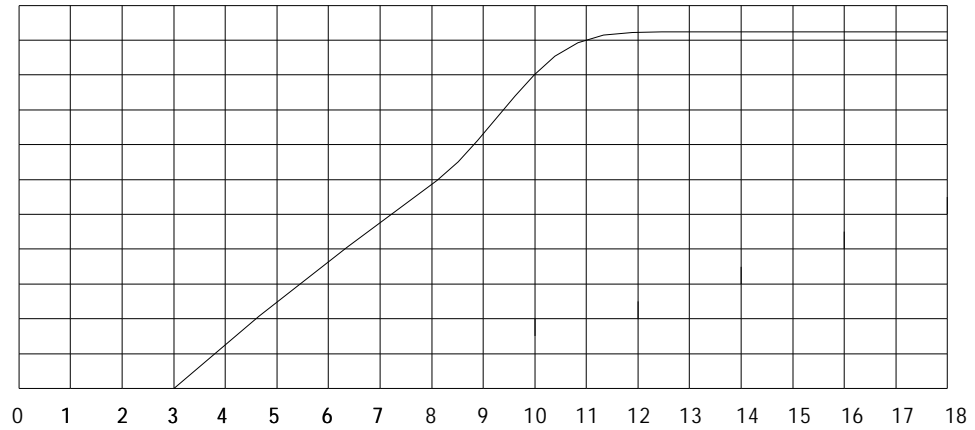


Specification:

Model	T-5 VAWT 5KW
Generator type	Permanent magnetism 3 phase AC
Generator material	NdFeB, F grade copper wire
Rated rotate speed	50 RPM
Rated wind speed	11m/s
Rated power	5KW
Start up wind speed	3m/s
Cut in wind speed	3.5m/s
Working wind speed	3-30m/s
Max power	6.5KW
Diameter of wind rotor	3.5m
Blades number	9pcs
Blades length	1830mm
Blades width	400mm
Wind turbine body	437kg
Height of tower	9m
Output voltage (DC)	220V
Output controller system	charger controller, inverter

Battery reference	12V 150ah 18pcs
Design life	15-20 years
Note: The reference energy resource presumed as annual average wind speed of 6m /s.	

T-5 VAWT 5kw vertical axis wind turbine power curves



5kw vertical axis wind turbine dimension and structure

