

VENCO-Twister-300-T

The VENCO-Twister-300-T is designed to start rotating at 3.0 m/s wind speed and to begin to produce power at a wind speed of 3.5 m/s.

Due to his special design the VENCO-Twister-300-T is operating virtually quiet.

The robust construction is without wearing parts. It is maintainance free and works reliable even under extreme conditions.

Technical Data	Wind Rotor	Rotor type	Vertical Axis Wind Turbine (VAWT)
	Rated output		
	300W		
	Rated wind speed		
	14 m/s		
	Max. Power		
	300 W		
	Cut-in wind speed		
	Power producing at 3.5 m/s		
	Cut-off wind speed		
	25 m/s		
	Yaw control	Not required	
	Rotor speed control		
	Microcontroller guided	Survival wind speed	
	50 m/s		
	Rotor diameter		
	1.0 m		
	Blade height		
	1.0 m		
	Swept area		
	1.0 m ²	Tip speed ratio (tsr)	1.5
	Gear box type		
	No gear box		
	Brake system		
	generator short circuit		

Technical Data	Generator	Generator type	PM shrunk-on-disk rotor
	Voltage		
	0 to 70 V AC		
	Electronics		
	overvoltage protection		
	safety control		
	charge controller	charging voltage	12/24 V charging current
	max. 25 A		

Technical Data	Materials	Rods	Stainless steel
	Generator		
	Stainless steel		
	Rotor blades		
	Epoxi glass resin		

Limited Warranty
2 Years

Technical changes preserved

To calculate an estimated annually power output for your personal location, please use the VENCO Power Calculator