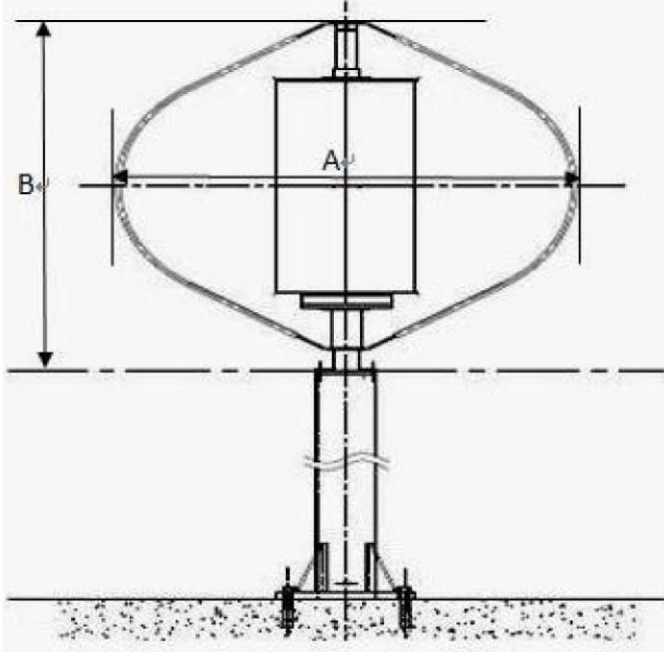
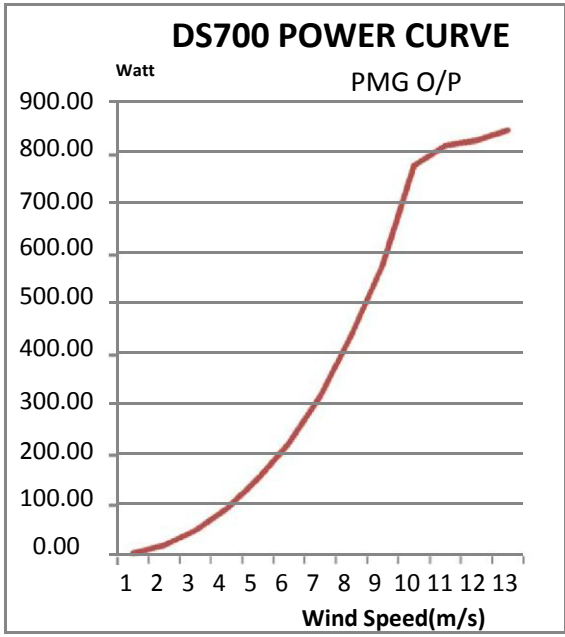


Vertical Axis Small Wind Turbine Model Number: VWT-H700

PRODUCT SPECIFICATIONS

General Specifications			
Rated Power	700w	Rated wind speed	12 m/s
Rated rpm	405 rpm	Cut-in wind speed	<3m/s
Cut-out	15m/s	Survivor wind speed	60m/s
Wind turbine specification			
Rotor Diameter(A)	1.930m		
Total Height (B)	1.597m		
Tower Height (Option)	3 meter height minimum recommended		
Turbine Weight	60kg		
External Darrieus	3 blades		
Internal Savonius	2 layer		
Blades material	Anodized Aluminum		
Rotor Axis material	Anodized Aluminum		
Generator Specification		Power Curve	
Type	AC, 3phase, Synchronism PMG		
Rated power	1000W		
Brake system			
Automatic	Over speed short circuit brake control		
Manual	Electronic Switch Type		
System Operation Conditions			
Ambient Temperature	-10~40°C		
Ambient Humidity	95% max.		

Vertical Axis Small Wind Turbine
Model Number: VWT-H700

PRODUCT SPECIFICATIONS

Charger Specification	
Model No.	VWT-H700
Output	48VDC
Function	MPPT Wind power charger with battery management
Protection	Over charge/low voltage/over current/over speed
Sleeping	Vdc < 40V
LED Display	LED indicator for the status of charging, battery capacity and discharging.
Dimension	40 x 32.5 x 13 cm
Battery (Option)	48VDC 100Ah minimum requirement, Deep cycling type.

Control box Specification	
Model No.	CB0700SA
Input voltage	3 phase 0 ~ 250Vac
Input Current	0~10A
Output Voltage	0~48V
Output current	0~30A
Brake control	External dry contact switch(A type) for turn on and off
Function	Manual Brake / Automatic brake / Battery power switch
Dimension	30 x 30 x 15 cm