



# VERTICAL AXIS SMALL WIND TURBINE MODEL NO.: DS700

## PRODUCT SPECIFICATION

General Specification			
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
<b>Wind turbine specification</b>			
Rotor Diameter(A)	1.93m		
Total Height (B)	1.60m		
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		
<b>Generator Specification</b>			
Type	AC, 3phase, Synchronism PMG		
Rated power	700W		
<b>Brake system</b>			
Automatic	Over speed short circuit brake control		
Manual	Electronic Switch Type		
<b>System Operation Conditions</b>			
Ambient Temperature	-10~40°C		
Ambient Humidity	95% max.		