



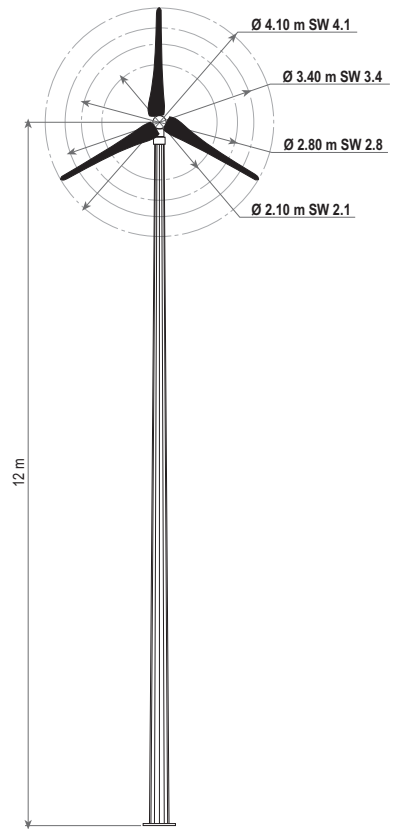
- Designed and manufactured by Siliken Wind
- Ranging up to 5 kW nominal power
- Exceptional performance in light winds
- Electronic stall control system
- Very low maintenance
- Reduced noise levels
- Class II wind turbine
- CE marking



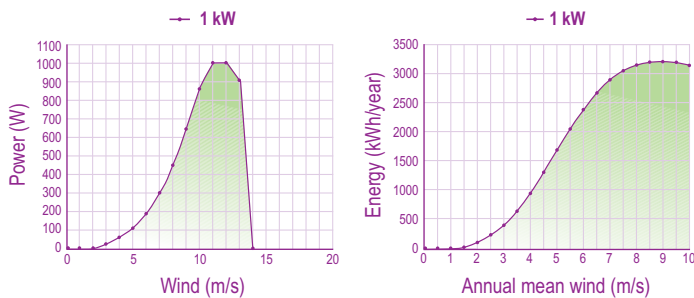
- Our firm commitment to R&D allows us to reduce costs and permanently improve efficiency. What's more, it enables us to improve our existing products and develop new technologies in the renewable energy field.
- Each wind turbine model has been designed in accordance with the current IEC61400-2 standard.
- Because we develop and integrate all the components that form a part of Siliken's SW wind turbines on our own, we offer high levels of efficiency, thereby facilitating the fastest possible return on an investment.

- Their directly coupled generators and downwind orientation system mean that these wind turbines are robust and require low maintenance, which in turn means that they have an extended useful life.
- Siliken Wind offers wind turbines with nominal powers of 1, 2, 3.8 and 5kW that meet the most common installation requirements.
- Whether at your business or at home, you can now turn wind into electricity and help create a more sustainable planet.

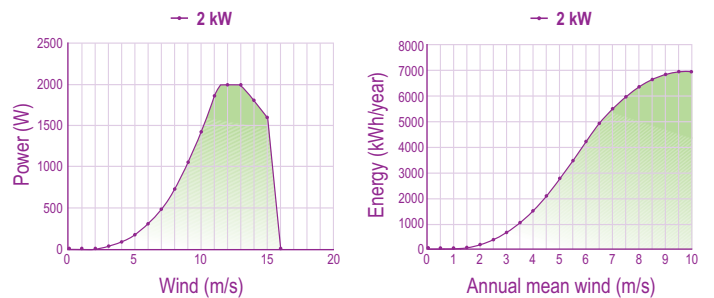
Technical Specifications				
Nominal Power	1 kW	2 kW	3.8 kW	5 kW
Model	SW 2.1	SW 2.8	SW 3.4	SW 4.1
Weight (Kg)	39	47	62	72
Rotor diameter (m)	2,1	2,77	3,41	4,07
Swept area (m <sup>2</sup> )	3,46	6,05	9,13	13,01
Rotor configuration	3 downwind blades			
Blades	Fibreglass reinforced epoxy			
Speed range (rpm)	200-800	150-530	150-450	150-390
Type of generator	Direct Drive PMSG			
Orientation control	Passive			
Power control	Maximum power curve monitoring			
Power grid connect inverter	SMA WB 1200	SMA WB 2500	SMA WB 3800	SMA WB 5000
Type of inverter	Single-phase grid injection			
Braking system	Electronic braking system			
Start speed (m/s)	3	3,5	3,5	3,5
Speed at nominal power (m/s)	11	11,5	11,5	11,5
Cut-off speed (m/s)	14	16	17	17
Survival speed (m/s)	60	60	60	60
Tower	Tubular steel tower			
Tower height (m)	12			
Warranty (years)	3			



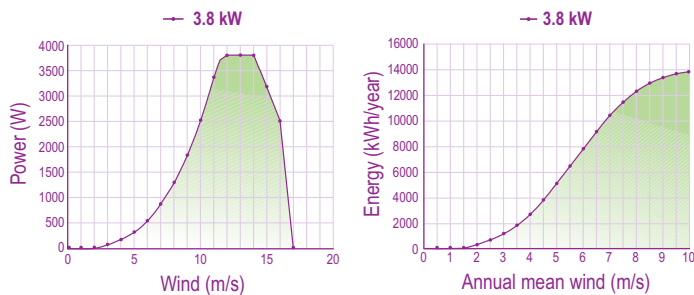
**SW 2.1**



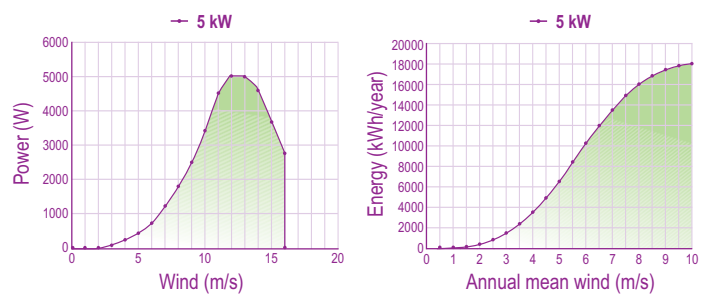
**SW 2.8**



**SW 3.4**



**SW 4.1**



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