



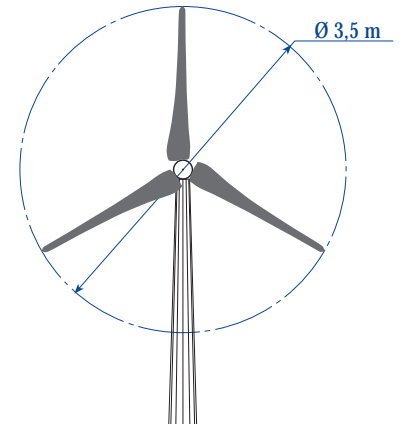
- Designed and manufactured by Anelion.
- High durability components.
- Low and simple maintenance.
- High energy performance.
- Valid for Grid-Tied and Off-Grid applications.
- Low noise level.
- Redundant electronic-mechanical braking systems.
- Strict quality controls of all systems and components.
- Designed according to IEC 61400-2 standard.



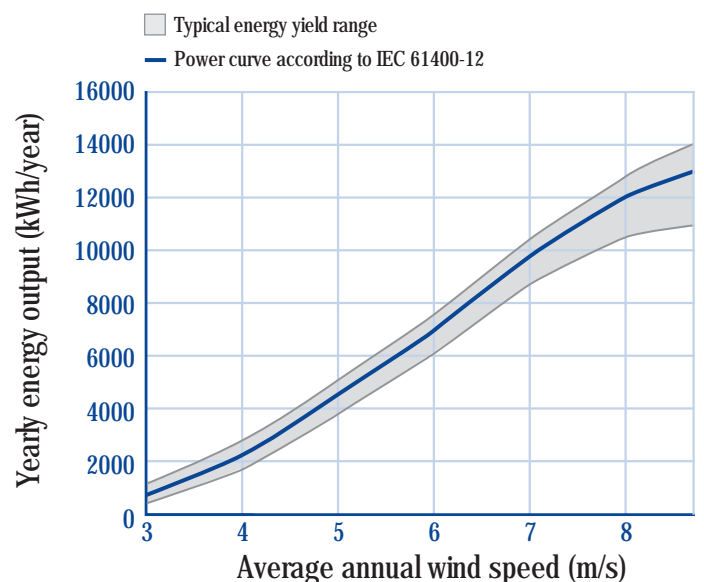
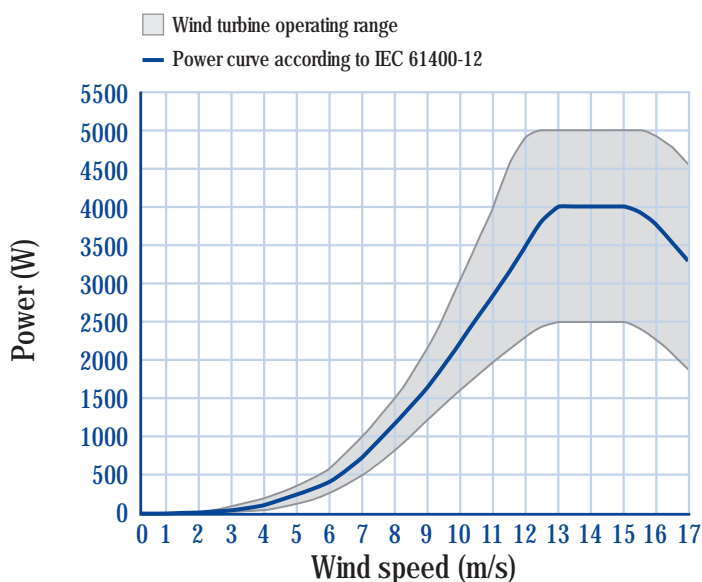
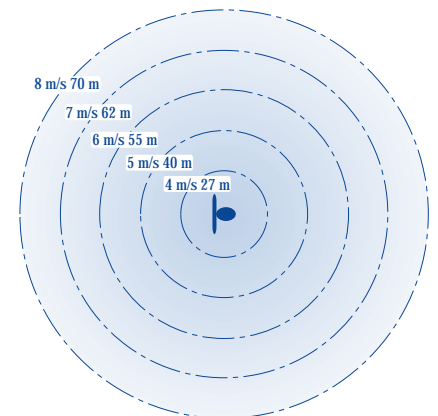
- A company policy focused to offer always products with the highest quality and reliability, lead us to develop a wind turbine based on an innovative and high-tech concept.
- Features such as the passive downwind yaw system and fixed pitch blades turn it into a strong system with surprising reduced maintenance requirements.

- The commitment to offer a close collaboration with our customers, giving the best support is one of our aims.
- You can already turn the wind into electrical energy, contributing to create a more sustainable planet from your home or business.

Technical Specifications			
Maximum power (Wp)		5000	
Power at 12 m/s		3500	
Weight (Kg)		95	
Diameter (m)		3,5	
Swept area (m <sup>2</sup> )		9,62	
Rotor		3 blades	
Blade material		Glassfiber Reinforced composite	
Operating rpm		100-465	
Generator		Direct Drive PMSG	
Yaw control		Passive	
Power control		MPPT	
Inverter		Delta Solivia 5.0 / SMA WB5000TL-20	
Inverter configuration		Single-phase grid-tied	
Braking system		Electronic dynamic load + electro-mechanical redundant system	
Cut-in wind speed (m/s)		3,5	
Max. Power wind speed (m/s)		17,5	
Survival wind speed (m/s)		60	
MAXIMUM VALUES	Wind turbine	Voltage (Vrms)	400
		Current (Arms)	20
	Inverter	Voltage (Vrms)	280
		Current (Arms)	22
Warranty (years)		3	



**Noise**  
Rings of 40dB(A) at different wind speeds. 10m Tower height.



Data measured according to IEC 61400-12 standard

FOR MORE INFORMATION: [info@anelion.com](mailto:info@anelion.com)  
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