

Bring **Green** Energy to Your Home, Add Value to the World



SoyutWind 30 kW

30 kW Small Wind Turbine offers a reliable and long-lasting solution for families and small business owners transitioning to green energy. With its durable design and robust performance, it ensures a sustainable energy supply for years to come.



SoyutWind 30 kW offers a dependable energy solution for small-scale applications with its 30 kW rated power and 15 meter rotor diameter. Its robust and compact design ensures long-term benefits with minimal operational costs, making it an excellent choice for residential, small business, and off-grid use.

► Designed to deliver efficient power output while maintaining low noise levels, SoyutWind 30 kW is suitable for both urban and rural settings. It starts generating electricity at wind speeds as low as 3 m/s, making it effective even in areas with low wind conditions.

Key Benefits

► Efficient and Low Maintenance

Featuring Permanent Magnet Generator (PMG) technology, SoyutWind 30 kW maximizes energy capture and eliminates the need for complex gear systems. This results in lower maintenance costs and increased efficiency.

► Designed for Low to Medium Wind Speeds

SoyutWind 30 kW is tailored for areas with low to medium wind conditions, performing efficiently where average wind speeds range from 3 to 6 m/s.

► Durable and Resilient

With a strong build and reinforced blades, SoyutWind 30 kW is designed for long-term performance, capable of withstanding harsh weather conditions. Its robust design makes it an excellent choice for larger residential setups, small businesses, and small-scale industrial applications.

► Versatile Grid Connection

Suitable for both off-grid and grid-tied setups, SoyutWind 30 kW seamlessly integrates with existing energy systems.

Warranty and Service Plans

SoyutWind 30 kW comes with a 2-year warranty, with service plans available that can extend coverage up to 5 years. A range of service packages is offered to meet various customer needs.

SPECIFICATIONS

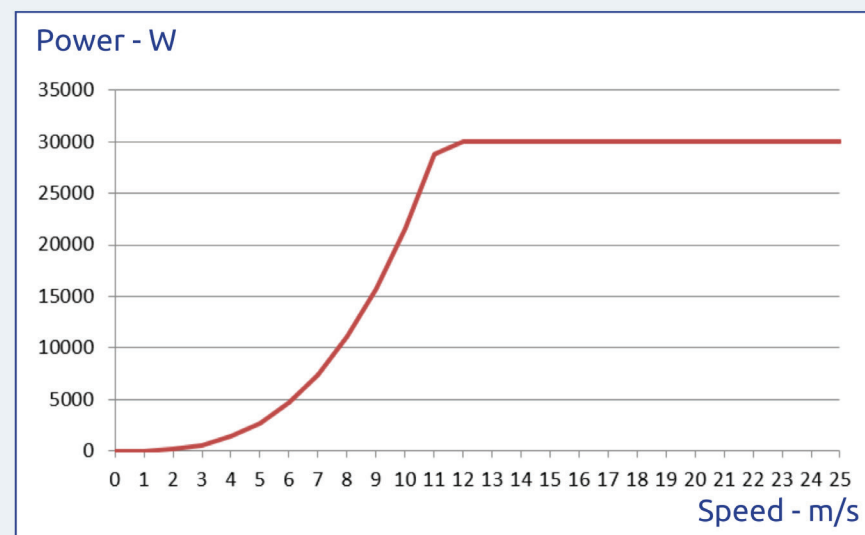
SoyutWind 30 kW

Off Grid System

Rated Wind Speed	12 m/s
Cut-in Wind Speed	3 m/s
Cut-out Wind Speed	25 m/s
Rotor Diameter	15 m
Swept Area	176,7 m ²
Tower Height	18 m - 22 m
Operating Temperature	-30°C – + 50°C
Blade Type	Fiberglass Composite
Tower Type	Steel Lattice
Yaw System	Electric
Gearbox	No
Control System	PLC
Brake	Electromagnetic
Alternator	3 Phase Permanent Magnet (PMG)
Voltage	110/220/400 VAC - 50/60 Hz
Wind Speed Sensor	Yes
Temperature Sensor	Yes
Remote Control and Monitoring	Yes
Lightning Protection	Yes
Battery Voltage	24V - 48V - 96V



SoyutWind 30 kW Power Curve



Wind Speed (m/s)		0	1	2	3	4	5	6
Power (W)		0	22	173	584	1385	2706	4676
7	8	9	10	11	12	13	14-25	
7425	11084	15781	21648	28813	30000	30000	30000	



Factory:

Cumhuriyet Mahallesi Eskişehir Yolu 55. km
No:24 Temelli, Sincan Ankara-TURKIYE



[in/company/soyutwind](#)



 /soyutwind/



 /SoyutWind/



[f/SoyutWind/](#)

+90 850 420 44 44

soyutwind.com



SoyutWind is a subsidiary of ÇOLAK Holding A.Ş.