

"Revolutionizing **Clean Energy**
From the **Deserts** to the **World.**"



SUNWIND INNOVATIVE PVT. LTD.

India's First Compact & Portable

Wind Turbine Manufacturer

"Revolutionizing **Clean Energy** From the **Deserts** to the **World.**"

www.sunwindindia.com

FOUNDER'S MESSAGE



"Innovation is not just invention, it's solving the right problem for the right people."

– **Dungar Singh Sodha, Founder & Innovator**

From the sandy winds of Barmer to the industrial skyline of Surat, Sunwind is a journey born from the need for power where the grid ends. As the first Indian company to build portable and ultra-low RPM vertical axis wind turbines, we are not just building machines — **we are building energy freedom.**

OUR VISION

To make India a global leader in decentralized wind energy by designing ultra-efficient, scalable, and terrain-friendly wind solutions that work in even the lowest wind zones.

OUR MISSION

- Democratize wind energy for every village, rooftop & remote location
- Replace dependency on diesel & high-cost solar for off-grid applications
- Power agriculture, water, homes, and enterprises with zero emissions
- Drive Make in India through rural employment & localized manufacturing

OUR CORE PRODUCTS

INNOVATION

IMPACT

INTEGRITY

INCLUSIVITY

INDUSTRY

AURA Series –

Vertical Axis Wind Turbine (VAWT)

Model: Aura 1kW | Output: 48V DC / 220V AC

- Compact, elegant, low-noise design
 - Starts at wind speeds as low as 2.5 m/s
 - Ideal for rooftops, farms, remote outposts
 - Zero maintenance | All-weather coated | Bird-safe
 - Modular structure for quick assembly and portability
- Includes: Structure, Bearings, Blades, Fittings, Inverter Controller



FLOWER Turbine –

Urban Aesthetic Wind Turbine Where Aesthetics Meets Energy.

Inspired by Nature. • 4-blade flower-inspired design

- Aluminium alloy 1.6 mm – lightweight & corrosion-resistant
- Output: 300W to 1.5kW • Perfect for parks, smart cities, school buildings, public art zones • Custom colors & silent operation

OUR CORE PRODUCTS

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INDIA-FIRST

TRAFLO MAX – Highway Wind Turbine

Highway Wind Turbine Powered by Traffic. Designed for Infrastructure Corridors.

- Specially built for highway dividers, toll zones, expressways
- Multiple-blade heavy rotor stores momentum for continuous spinning
- Output: 3kW to 10kW per unit
- Works with moderate vehicle airflow
- Flywheel technology with advanced balancing for 24/7 motion

WATER WINDMILL – Mechanical Water Extraction System

Where Wind Lifts Water. Zero Electricity Required.

- Lifts water from 100 ft depth

- Discharge: 30,000 to 1,00,000 litres/hour
- Pure mechanical wind-driven piston system

- Replaces 3–5 HP solar or electric motors

- Best for salt belt areas, barren farms, coastal applications



OUR CORE PRODUCTS

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5. HORIZON – Horizontal Axis Wind Turbine (HAWT)

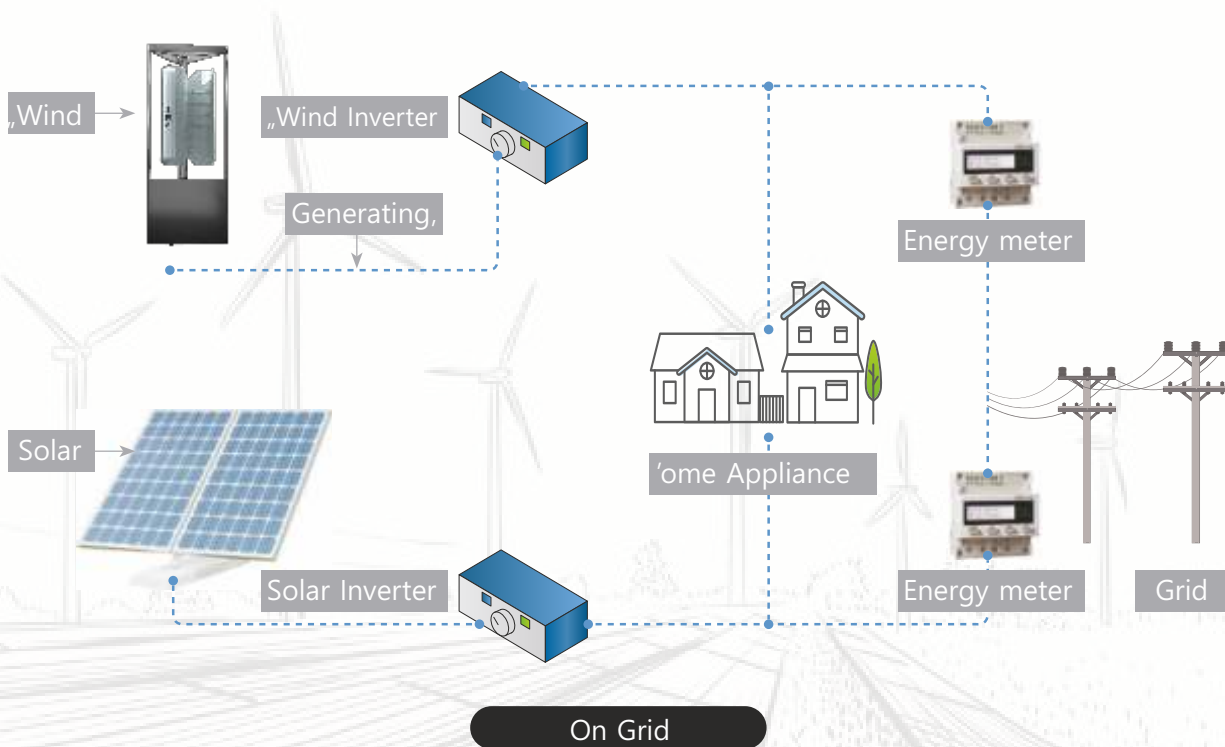
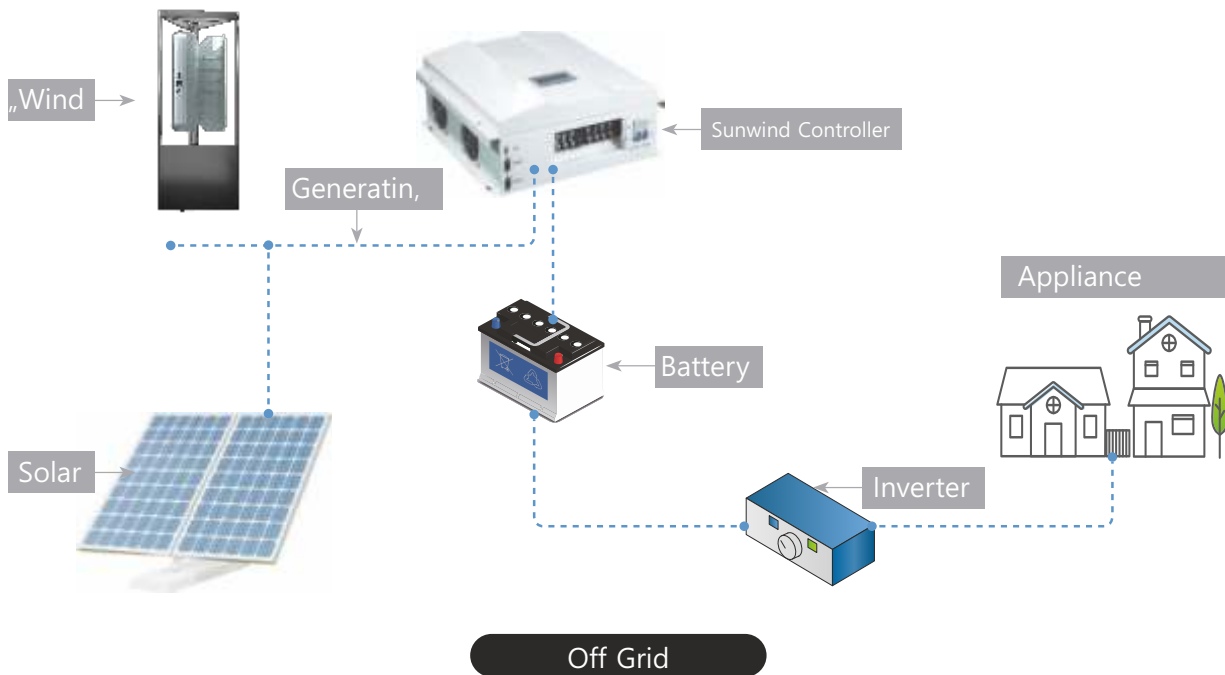
- Built for Continuous Power for Open Terrains.
- Output: 500W to 10kW • 2 or 3-blade aerodynamic design
- Optional tail-vane for self-direction
- Best suited for farms, coasts, high-speed wind areas
- Hybrid ready (solar + wind)

WHY SUNWIND?

- India's 1st small wind turbine manufacturer (compact & portable)
- Designed for Indian wind conditions (low-speed zones)
- Tested across Gujarat, Rajasthan, Maharashtra, Tamil Nadu
- Scalable models for rural, urban, industrial, and highway needs
- In-house R&D + innovation team • 24x7 customer support & field installation help



Connection Methods



TARGET SEGMENTS•

Government Rural Electrification Projects

•Eco Resorts / Homestays / Desert Tourism

•Border Security Forces & Outposts

•Organic Farming / Hydroponics / Agri Entrepreneurs• NGOs working in remote India

•Remote Telecom, Cold Storage, Off-grid Villages

STARTUP INDIA EXPO





Sunwind Innovation Pvt.Ltd. (HQ)

G-20, E-space, Nr. Shambaba Temple, Vip Road, Vesu, Surat



www.sunwindindia.com



info@sunwindindia.com