



SUNBEST

POWERING THE FUTURE

SOLAR PRODUCTS



SOLUTIONS
FOR YOUR INDUSTRY



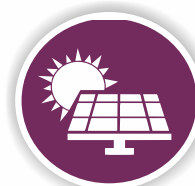
35 YEARS OF
SOLAR
EXPERIENCE



15,500 m²
SOLAR AIR
HEATING SYSTEM



4,04,000 LPD
SOLAR WATER
HEATING SYSTEM



39,500 kW
SOLAR POWER
SYSTEM



35
YEARS
OF EXPERIENCE

Our patented Solar Air Heating systems can deliver hot air
upto 80°C for industrial drying processes



TECHNOLOGY

Patented solar absorbers heat atmospheric air to up to 80°C and deliver it through CFD designed air conduit ducts for any industry that requires drying process

UNIQUENESS

- Seamless integration with existing conventional energy-based drying systems
- Hybrid system ensures precise temperature of hot air for drying processes
- Significantly reduces the need for fossil fuel, firewood, electricity for processes during daytime

KEY APPLICATIONS

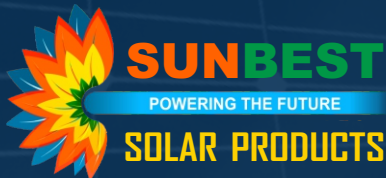
Our Solar Air Heating systems have been successfully incorporated in the following industries

- | | | |
|-------------------------|--------------------------|-----------------------|
| ⚙ Solar Fruits Dryer | ⚙ Solar Vegetables Dryer | ⚙ Solar Herbs Dryer |
| ⚙ Solar Fish Dryer | ⚙ Solar Salt Dryer | ⚙ Solar Pulses Dryer |
| ⚙ Solar Leather Dryer | ⚙ Solar Garments Dryer | ⚙ Solar Laundry Dryer |
| ⚙ Solar Paintshop Dryer | ⚙ Solar Latex Dryer | ⚙ Solar Ceramic Dryer |



15500 m²

INSTALLED TILL DATE



80+

PROJECTS
TILL DATE

Prestigious Clients of our Solar Air Heating Systems



TEA PROCESSING INDUSTRY

GOLDEN HILLS TEA ESTATE - COONOR



Collector Area : **264 m²**

Coal savings / yr : **90 tonnes**

Year of Commissioning : **1993**

Return of Investment : **3.5 years**

SPICES INDUSTRY

SAKTHI MASALA - ERODE



Collector Area : **590 m²**

Firewood savings / yr : **277 tonnes**

Year of Commissioning : **1998**

Return of Investment : **2.5 years**

DHALL INDUSTRY

BALASANKA DHALL MILL - THENI



Collector Area : **180 m²**

Firewood savings / yr : **66 tonnes**

Year of Commissioning : **2002**

Return of Investment : **2.5 years**

LATEX INDUSTRY

TTK LIG - PONDICHERRY



Collector Area : **226 m²**

Electricity savings / yr : **1,42,500 Units**

Year of Commissioning : **2007**

Return of Investment : **2 years**

AUTOMOBILE INDUSTRY

TVS MOTOR COMPANY - HOSUR



Collector Area : **270 m²**

LPG savings / yr : **18,000 kg**

Year of Commissioning : **2014**

Return of Investment : **2.5 years**

LEATHER INDUSTRY

OVERSEAS LEATHER - RANIPET



Collector Area : **270 m²**

Electricity savings / yr : **151200 Units**

Year of Commissioning : **2023**

Return of Investment : **1.9 years**

35
YEARS
OF EXPERIENCE

Our Solar Water Heating systems can deliver hot water in temperature of
upto 100°C for industrial applications



SOLAR WATER HEATING SYSTEM



TECHNOLOGY

The following technologies are used to heat water, using incident solar radiation

- Flate Plate Collectors
- Evacuated Tube Collectors
- Compound Parabolic Collectors

UNIQUENESS

- Integration & hybridisation with pre-existing conventional energy system
- Heated water can be stored in insulated tanks for round-the-clock usage
- Eliminates the need for firewood, electricity, fossil fuel-based heating

KEY APPLICATIONS

- ⊗ Leather Industry
- ⊗ Textile Industry
- ⊗ Automobile Industry
- ⊗ Industrial Cooker Manufacturers
- ⊗ Rubber Gloves Manufacturers
- ⊗ Condom Manufacturers
- ⊗ Milk Processing Industries
- ⊗ Ice-Cream Manufactures
- ⊗ Industrial Canteens

404000 LPD
INSTALLED TILL DATE

Prestigious Clients of our Solar Water Heating systems



FOOD INDUSTRY

HATSUN AGRO PVT LTD

Collector Area : **721.6 m²**
Coal savings / year : **244 tonnes**
Return of Investment : **3 years**
Year of Commissioning : **2016**

LEATHER INDUSTRY

AVANTI LEATHER - TADA

Collector Area : **768 m²**
Firewood saving / year : **375 tonnes**
Return of Investment : **3 years**
Year of Commissioning : **2018**

DAIRY INDUSTRY

NDDB - KATRAJ DAIRY, PUNE

Collector Area : **750.2 m²**
Coal saving / year : **244 tonnes**
Return of Investment : **3 years**
Year of Commissioning : **2021**

SOLAR PHOTOVOLTAIC SYSTEM

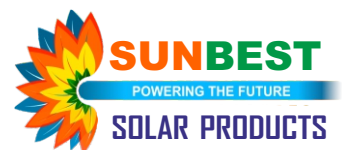
Solar Photovoltaic Systems to meet your electrical energy demands at a substantially lower cost than that of grid

39500 kW
INSTALLED TILL DATE

TECHNOLOGY

The following are offered with world class components

■ ON GRID ■ OFF GRID ■ HYBRID



APPLICATIONS

We have offered our SPV systems for

- | | | |
|----------------------|----------------------|---------------------------|
| ⚙ HT Industries | ⚙ Hospitals | ⚙ Matches Industries |
| ⚙ LT Industries | ⚙ Schools | ⚙ Cold Storage Warehouses |
| ⚙ Open Access System | ⚙ Housing Apartments | ⚙ Commercial Buildings |

Prestigious Clients of our Solar Power System



HATSUN AGRO - PALACODE

CAPACITY : 1620 kW
RETURN OF INVESTMENT : 2.5 YEARS
POWER GENERATION / YEAR : 23,65,200 UNIT



SANTOSA CATTLE FEED - PALANI

CAPACITY : 1050 kW
RETURN OF INVESTMENT : 2.5 YEARS
POWER GENERATION / YEAR : 15,33,000 UNIT



INDIAN PRODUCTS - WALAYAR

CAPACITY : 305 kW
RETURN OF INVESTMENT : 2.5 YEARS
POWER GENERATION / YEAR : 4,45,300 UNIT

A leading solar company focussed on designing, manufacturing, and commissioning cutting-edge Solar Air / Water / Power systems, with a resolute commitment to combat global warming by providing a sustainable alternative to fossil fuels, biomass, electricity.



INTERNATIONAL RECOGNITIONS



PAN INDIA RECOGNITIONS



Awards



Research & Development



Ongoing R & D in collaboration with



Nature Conservaiton



FOREST COVER SAVED

83364
ACRES

CO₂ EMISSION REDUCTION

208411
TONS

(by reduction in mining / burning of fossil fuels)



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SOLAR PRODUCTS



156/K, Vadaputhupatti, Theni, TN, India - 625531

☎ 99944 92211, 98948 75500

✉ solutions@sunbest.in

Follow us on : sunbest.solar.india

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www.sunbest.in