

Sudarshan Saur

General Welcome Message:- "Welcome to Chaitanya Aditya Solar Shopee! We are thrilled to have you with us. Let's harness the power of the sun together for a sustainable future."

Gratitude Message:- "Thank you for choosing Sudarshan Saur! Your trust in us inspires our mission to provide efficient, eco-friendly solutions."

Positive Closing Message:- "We are committed to making your solar journey smooth and rewarding. Feel free to reach out with any questions—your satisfaction is our priority!"

Encouraging Message for New Users:- "Congratulations on taking a step toward a greener tomorrow! Together, let's create a brighter, cleaner future with solar energy."

Customer Appreciation Message:- "We value your interest in Sudarshan Saur. Every step you take toward renewable energy contributes to a healthier planet, and we're here to support you every step of the way."

Celebratory Message for Milestones:- "Celebrating 25 years of excellence and innovation of Chaitanya Aditya Solar Shopee, we are excited to have you as a part of our journey. Let's continue to shine together!"

Problem-Solving Assurance:- "At Chaitanya Aditya Solar Shopee, we believe every challenge has a solution. Let us guide you toward energy independence with our reliable solar products."

Our Office Details:-

- **Company Name:** Sudarshan Saur
- **Location:** Solapur, Maharashtra
- **Established:** 25 Years of Experience in Solar Solutions
- **Business Office Name:** Chaitanya Aditya Solar Shopee

Contact Details:

- **Business Owner:** Vipin Kulkarni
- **Phone:** 9822549676
- **Email:** abcd@gmail.com
- **Website:** <https://sudarshansaur.com/>
- **Address:** Address: 477 D Kasaba, Main Road, South Kasba, Solapur - 413001 (Near Ganraj Mangal Karyalay Datta Chowk)

About Sudarshan Saur Company:-

Sudarshan Saur is one of the most trusted & the only star-rated brand in India. Sudarshan Saur is renowned for its excellent after-sales service and lifetime customer support. Due to our [Solar water heater's](#) impeccable design, latest technology, affordable pricing; we are the 1st choice of people when it comes to purchasing a solar water heater.

Let's say you want to save your monthly electricity costs and you are also environmentally conscious. In that case, you should definitely purchase our [solar water heater](#); it cuts down your existing electricity bills to provide a return on investment within 2-2.5 years on a typical [200LPD](#) system. At the same time, you also support the nation by reducing the load on the national electricity grid and help the environment by reducing 14 kgs of [CO2 Emissions](#) used for heating just a litre of water per year.

Social Media Handles:-

Facebook:- <https://www.facebook.com/sudarshansaurshakti>

Instagram:- <https://www.instagram.com/saursudarshan/>

X:- <https://twitter.com/SaurSudarshan>

Youtube:- https://www.youtube.com/channel/UC5_yDG9CvwMXsZR0-esZ0vA

About Chaitanya Aditya Solar Shopee:

A leading distributor of solar products in Solapur, specializing in solar water heaters, solar rooftop lighting, and solar lamps. With over 25 years of experience, we have established ourselves as a trusted provider in the renewable energy industry, providing cost-effective and sustainable solutions to our customers.

Key Achievements of the Chaitanya Aditya Solar Shopee

- 25 years of service in the solar industry.
- Successfully installed over 1000+ solar systems across the Solapur.
- Certified by [mention certifications].
- Partnered with leading solar equipment manufacturers.
- Recipient of [any awards or recognitions].

History of Sudarshan Saur :-

Sudarshan Saur Shakti Pvt. Ltd., established in 1989 and headquartered in Aurangabad, Maharashtra, is a leading Indian manufacturer specializing in solar water heaters and solar energy solutions. The company has built a strong reputation for innovation and quality in the renewable energy sector.

Quality Assurance and Certifications:

Sudarshan Saur's products are accredited with ISO-9001:2015 and ISO-14001:2015 certifications, reflecting their commitment to quality and environmental management systems. The company has also received a Three-star Rating from the Bureau of Energy Efficiency (BEE), Government of India, underscoring the efficiency and reliability of their products.

Products we sell:-

1. Solar Water Heaters

Sudharshan Saur provides two primary types of solar water heaters to meet diverse needs and environmental conditions:

- **Evacuated Tube Collector (ETC) Systems**
 - **Wonder Ultimate-Pressurized Series**
 - Uses Copper Heat Pipe Technology with thermic fluid for efficient water heating.
 - Ideal for bungalows and homes with pressure pumps requiring high water pressure.
 - **Benefits:**
 - Compatible with varied water pressures.
 - Suitable for both hard and soft water.
 - Equipped with a safety valve to manage excessive pressure.
 - **Wonder Standard Series**
 - **Stainless Steel (SS) Model:**
 - Features a stainless steel tank.
 - Suitable for areas with low chloride hardness in water.
 - **Galvanized Iron (GI) Model:**
 - Features a hot water tank made of galvanized iron.
 - Offers enhanced strength and durability for various water qualities.
 - **Flat Plate Collector (FPC) Systems**
 - Employs a flat absorber panel with copper fins to capture solar energy.
 - Provides efficient water heating solutions, primarily for residential use.
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2. Solar Electricity Systems

Designed for both household and industrial electricity generation using solar energy.

- **On-Grid Systems**
 - Generates electricity through solar PV panels.
 - Excess power is supplied back to the utility grid, removing the need for batteries.
- **Key Components**
 - **Solar Modules:** 'A' grade IEC certified panels ensuring high efficiency and power stability.
 - **Solar Inverters:**
 - MPPT design for maximum flexibility.
 - Compact, IP65/67 protected.

- Offers real-time monitoring capabilities.
 - **Durable Structures**
 - Designed to withstand varied climatic conditions.
 - Long-lasting with minimal maintenance.
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3. Solar Water Pumps

Eco-friendly water extraction solutions suitable for agricultural and domestic use.

- **Advantages:**
 - **Energy Independence:** Eliminates reliance on electricity, reducing costs.
 - **Durability:** Long-term performance with minimal maintenance.
 - **Versatility:** Suitable for applications like irrigation, water tank filling, and drinking water supply.
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4. Luminark Solar Lamps

- Sustainable lighting solutions designed for efficient and eco-friendly illumination.
 - Ideal for residential and commercial applications.
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5. Fiado Heat Pumps

- Energy-efficient heating systems utilizing renewable sources like ambient air or geothermal energy.
 - Suitable for heating water or indoor spaces.
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Technological Innovations

To enhance product performance, Sudarshan Saur integrates the following advanced technologies:

- **Crystal Blue Glass Lining**
 - Applied to the inner tanks of solar water heaters.
 - Prevents impurities, ensuring clean and hygienic water.
 - Extends the lifespan by preventing rust and corrosion.
- **High-Density PUF Insulation**
 - Retains water temperature for extended periods.
 - Improves energy efficiency.
- **Special Rolled Section System Support Stand**

- Provides strength and stability to solar water heating systems.
- Ensures durability under varied environmental conditions.

Customer Benefits

- **Cost Savings:** Significant reduction in electricity bills.
- **Eco-Friendly:** Contributing to a cleaner environment by reducing carbon footprint.
- **Government Incentives:** Take advantage of subsidies and incentives for solar installations.
- **Durability & Reliability:** High-quality products with long-term warranties.
- **Expert Installation & Maintenance:** Trained professionals for seamless installation and regular maintenance.

Solar Water Heater

A solar water heater is **a device that helps in heating water by using the energy from the SUN**. This energy is totally free. Solar energy (sun rays) is used for heating water. Water is easily heated to a temperature of 55 -80° C.

Solar water heaters use solar energy to heat water in your homes. These results save on a great many things. SWH of 100-300 liters capacity is suited for domestic use. Larger systems can be used in restaurants, canteens, guest houses, hotels, hospitals, industrial needs etc. They have **no dependency on fuels, are zero-emission, and have lower carbon footprints**. The heating of water is the most common application of solar energy in the world. A typical solar water heating system can save up to 1200 units of electricity every year, for every 100 liters per day of solar water heating capacity.

Solar Water Heater Product FAQs

1. How does a Solar Water Heater (SWH) work?

- **Answer:** A solar water heater uses sunlight to heat water through solar collectors, which absorb sunlight and convert it into heat. This heated water is then stored in a tank for later use, providing a constant supply of hot water for your home.

2. What are the benefits of installing a Solar Water Heater?

- **Answer:** Installing a solar water heater can significantly reduce your energy bills, lower your carbon footprint, and contribute to a cleaner environment. It offers a sustainable, renewable energy source and can provide hot water even during power outages.

3. What size Solar Water Heater do I need for my home?

- **Answer:** The size of the solar water heater you need depends on your household's hot water consumption. For instance, Sudarshan Saur offers various capacities, including 100 LPD, 150 LPD, 200 LPD, 250 LPD, 300 LPD, 400 LPD, 450 LPD, and 500 LPD models. It's advisable to consult with their experts to determine the appropriate size for your needs.

4. Can a Solar Water Heater work on cloudy days?

- **Answer:** Yes, solar water heaters can function on cloudy days, though their efficiency may be reduced compared to sunny days. The insulated tank's design and high-quality PUF insulation help retain heat for up to 24 hours, providing hot water even when sunlight is not available.

5. What is the lifespan of a Solar Water Heater?

- **Answer:** The life of a solar water heater is at least 10 years.

6. Are there different types of Solar Water Heaters available?

- **Answer:** Yes, Sudarshan Saur offers various types of solar water heaters, including non-pressurized systems, pressurized systems, and commercial systems, catering to different needs and applications.

7. What maintenance is required for a Solar Water Heater?

- **Answer:** Solar water heaters require minimal maintenance. Regular checks and cleaning of the solar collectors are recommended to ensure optimal performance. Sudarshan Saur provides guidance on maintenance practices to keep your system running efficiently.

8. Is the water heated by a Solar Water Heater safe for drinking?

- **Answer:** Solar water heaters are designed to heat water for domestic use, primarily for bathing and cleaning purposes. If drinking water is needed, ensure it is filtered or treated appropriately before consumption.

9. How much can I save on energy bills by using a Solar Water Heater?

- **Answer:** By installing a solar water heater, it is possible to have monthly savings up to ₹2,000, depending on your usage and local energy costs.

10. Are Solar Water Heaters suitable for all water qualities?

- **Answer:** Yes, Sudarshan Saur's solar water heaters are designed to be highly suitable for different types of water quality, including hard water.

Why Choose Sudarshan Saur Solar Water Heaters?

Energy-Efficient Solutions

Our solar water heaters harness the power of the sun to provide you with consistent hot water, reducing your energy bills and carbon footprint.

Expert Installation Services

Worried about the installation process? Our team of skilled professionals ensures hassle-free installation, making it convenient for you to switch to solar energy.

Comprehensive Home Solutions

Sudarshan Saur is your one-stop-shop for all your solar water heating needs. We offer solutions for residential purposes, making it easier than ever to embrace sustainable living.

PV Solar Panels

Are you getting high electricity bills?

Go Solar with Sudarshan Saur and save a significant amount on electricity bills!

Sudarshan Saur, with a 35-year legacy, is now manufacturing solar Panels (PV modules) for household and commercial use.

We aim to spread solar energy to every nook & corner of India through our widespread dealer network of 350+ dealers. You can now cut up to 80% of your electricity bills by installing a comprehensive solar power solution, a solar water heater, and a solar panel system, for your electricity needs.

By going solar, you not only save the environment but also save costs on your monthly electricity bills.

Rest assured, with our international quality, MNRE, and IEC-certified PID-free solar PV modules and in-house testing facilities, we provide the best-in-class solar panels. Additionally, we have a 25-year performance warranty so that you are stress-free while purchasing your solar PV system.

Join the solar revolution today and power your life with solar energy solutions from Sudarshan Saur!

Making Solar Power More Benevolent

Solar Electricity System

Working of on grid solar electricity system:-

- Electricity generated through solar PV panels can be used for all household and industrial appliances
- If the power generated through solar PV panels is inadequate, balance electricity is taken from utility grid
- If the power is generated in excess, it is supplied to utility grid, as such no battery is required
- Net meter (bi-directional meter) is connected to measure total import / export of electricity

Why is a Sudarshan solar electricity system right for you?

- Rich and proliic experience in solar energy technology of about three decades.
- Strong legacy of world-class quality products and uninching service commitment.
- Strong legacy of trust and transparency.
- Ultimate technical expertise that has taken us to niche position in the solar energy domain.
- The only company awarded by the Govt. of India, for Highest Sales and Best Service Network.
- Dedicated customer care unit for lifetime service and support to every customer.
- The only company promising full value to your investment in solar energy products.

- Lakhs of extremely happy customers across India.

Advantages of grid tied solar power plant

- Grab the golden opportunity extended by the government to generate and sell electricity.
- System cost extremely low, because no battery is required.
- System without battery is highly efficient and maintenance free.
- No need to change internal electrical wiring.

Solar Water Pumps

What is solar pump? How does it work?

‘Sudarshan’ solar pump Highly Durable Boon to Farmers; Extremely Reliable

Pump operating on solar energy is called the solar pump. It consists of photovoltaic (cells) panel, which converts solar energy in to the electricity with the help of controller and facilitates functioning of the pump. We can draw out water from the well, bore well, farmpool or canal with the help of this pump.

Benefits of solar pump

- No hassles from load shedding / Electricity not required.
- No expenses on electricity because it operates on the solar energy which is abundantly available.
- Highly durable and long life performance : only one time investment required.
- Highly reliable and robust system
- User friendly and easy to maintain.
- Can be operated on solar energy or on electricity.
- No need to work whole night to water the crops as this is totally free from load shedding.
- Environment friendly and contributes to national growth due to energy generation.

Solar Water Pump Applications:-

- For Agriculture Use
- For Sprinkler Irrigation Project
- For Water Tank filling
- For Housing Society Water Tank filling
- For Drinking Water Supply

Customer FAQs

General Questions

1. Why should I choose Sudarshan Saur products?

- We have 25 years of experience in the solar industry, offering high-quality, durable, and eco-friendly solutions tailored to your needs.

2. How long do solar products last?

- Solar panels typically last 25-30 years, while other components like inverters and batteries may last 5-10 years with proper maintenance.

3. Do I need government approvals for solar installations?

- For grid-connected systems, government approvals and net metering agreements are required, which we assist in obtaining.
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Solar Water Heaters

4. Can solar water heaters work during cloudy days or winter?

- Yes, solar water heaters work on cloudy days, though efficiency may reduce. Backup options can ensure uninterrupted hot water.

5. What is the difference between ETC and FPC systems?

- ETC systems use glass tubes to heat water efficiently, especially in areas with hard water, while FPC systems use flat panels with copper fins, ideal for softer water and residential use.

6. Is the water heated by solar systems safe for drinking?

- Solar water heaters are designed to heat water for domestic use. If drinking water is needed, ensure it is filtered or treated separately.
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Solar Electricity Systems

7. Can I use solar electricity for all my appliances?

- Yes, solar systems can power all appliances, including air conditioners and refrigerators, depending on the system capacity.

8. What happens to excess electricity generated by my solar system?

- In on-grid systems, excess electricity is sent back to the grid, and you may receive credits on your electricity bill (net metering).

9. Will my solar electricity system work during a power outage?

- On-grid systems do not work during power outages unless paired with a battery backup or hybrid inverter.
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Solar Water Pumps

10. Are solar water pumps suitable for deep borewells?

- Yes, solar water pumps are available in various capacities to suit deep borewells and high water demand.

11. How much area is needed for installing solar water pumps?

- The area required depends on the capacity of the solar panels, typically ranging from 10 to 50 square meters for agricultural setups.
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Maintenance and Support

12. How often do solar systems need maintenance?

- Solar panels require periodic cleaning, while other components may need annual servicing. We offer maintenance packages for hassle-free upkeep.

13. What if my solar product stops working?

- Contact our service team for prompt support. Most issues are covered under warranty, and we provide quick replacements or repairs.

14. Are spare parts readily available?

- Yes, we maintain an inventory of spare parts to ensure quick service and minimal downtime.
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Financial and Installation Queries

15. Are there any government subsidies for solar systems?

- Yes, government subsidies are available for residential solar systems. We guide customers through the subsidy application process.

16. What is the installation time for a solar system?

- Installation typically takes 2-5 days, depending on the system size and site conditions.

17. Can I install a solar system on a rented property?

- Yes, portable systems or arrangements with the property owner can be explored for installation.

Problems Solved by Sudarshan Saur Shakti Pvt. Ltd :-

1. High Energy Costs

- **Problem:** Rising electricity and fuel prices significantly impact households and businesses.
 - **Solution:** Sudarshan Saur offers cost-effective solar water heating and electricity systems, helping customers reduce dependency on expensive conventional energy sources.
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2. Energy Reliability Issues

- **Problem:** Many areas in India face unreliable power supply or lack access to electricity.

- **Solution:** Solar electricity systems and solar water pumps provide an independent and reliable energy source, even in remote and off-grid areas.
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3. Environmental Concerns

- **Problem:** Fossil fuel consumption leads to increasing greenhouse gas emissions and environmental degradation.
 - **Solution:** Solar energy is a clean and renewable energy source, significantly reducing carbon footprints and supporting eco-friendly energy consumption.
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4. Water Heating Challenges

- **Problem:** Conventional water heaters rely on electricity or gas, making them costly and less efficient.
 - **Solution:** Solar water heaters efficiently utilize free solar energy and are designed for diverse water qualities, including hard water.
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5. Agricultural Water Needs

- **Problem:** Farmers struggle to access cost-effective and reliable water for irrigation.
 - **Solution:** Solar water pumps provide a sustainable, low-maintenance solution, reducing operational costs and dependency on electricity.
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6. Long-Term Durability

- **Problem:** Conventional energy systems often require frequent maintenance and replacements.
- **Solution:** Sudarshan Saur's products incorporate advanced technologies such as Crystal Blue glass lining and high-density PUF insulation, ensuring durability, longevity, and minimal maintenance.

Here are some responses you can use when users ask unrelated or random questions:

Friendly Redirect

- *"That's an interesting question! While we specialize in solar energy solutions, feel free to let us know if you have any questions about solar products or services."*
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Light-Hearted Response

- *"That's a curious topic! While we're not experts in that field, we'd love to help you with anything related to solar energy."*

Encouraging Curiosity

- *"That's a fascinating question! Although it's not our area of expertise, we're always here to assist with any solar energy inquiries you may have."*

Gracious Response with a Pivot

- *"Thank you for your question! While it's outside our domain, let us know if there's anything about solar solutions or sustainability we can help with."*

Humorous Yet Polite

- *"Interesting thought! While we don't have an answer for that, we're always shining bright when it comes to solar energy solutions!"*

Catch-All Positive Response

- *"We appreciate your curiosity! If you'd like to explore how solar energy can transform your home or business, we're here to help."*