SAN-SAM
Controls & Automation



Become energy independent

with our

SOLAR SOLUTIONS

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“Stop paying high electricity bills and switch to clean energy. As solar specialists, we install solar power systems to operate all types of electrically powered machinery and lighting systems”

A grid-connected solar system not only reduces your electricity bill to zero, but it can also earn you money by exporting excess electricity to the grid.

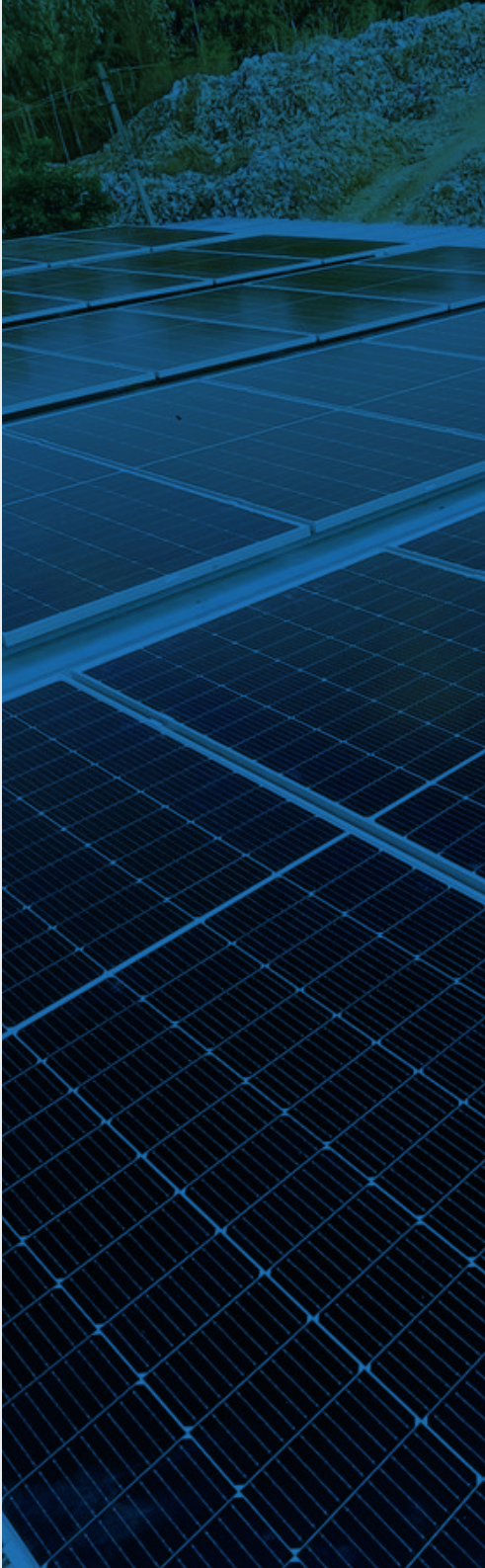




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WHO
we are?

In 2017, the company entered the solar sector by founding **Solar Power Integrators**. In 2018, Solar Power Integrators won its first projects as a prime general contractor and has since continued to expand its experience, focusing on large public works.

At **San-Sam**, we specialize in empowering private and government sectors to take control of their energy future with our best solutions, like grid-connected solar rooftops. Our tailored onsite solar rooftop solutions enhance resilience, reduce costs, and ensure uninterrupted power supply, even during short-term outages.

Sustainably power your waste processing plant, commercial building and eliminate electricity bills

Energy-independence

Enjoy the freedom and security of producing your own power with solar panels

Save and Earn on electricity bills

Installing solar panels signficantly reduces monthly elctricity bills and dependence on the power grid

Reduces your carbon footprint

Stick to renewable energy for a sustainable, clean future



SUCESS stories [1/2]



38kW

Town Municipal Council, Piriyapatna, Mysuru

Place

SWM Plant, Piriyapatna

System type

Grid-Connected



70kW

City Municipal Council, Nanjangud, Mysuru

Place

SWM Plant, Nanjangud

System type

Grid-Connected



110kW

Capgemini CSR Initiative
Waste Management Center for BBMP in Whitefield

Place

Whitefield

System type

Hybrid

SUCESS stories [2/2]

100kW

Tata Elxsi

Place

Whitefield

System type

Hybrid





280kW

Prestige

Place

Sipcot, Hosur

System type

Hybrid



18kW

New TMC Office

Place

Tirumakudalu Narasipura

System type

Hybrid

OUR
solution

Whether you're looking to enhance resilience, reduce reliance on the grid, or reduce high-demand charges, we've got you covered. Our solutions are ideal for government buildings, private buildings, and landfill sites.

We do grid-tied, off-grid, and microgrid installations. If you need a new roof before your solar installation, we've got you covered!

Subsidiaries

San-Sam has formed several strategic partnerships, including with structural design engineering firms and solar panel manufacturers. As solar power integrators, our engineers have led or been key team members on multiple commercial and government projects, ranging from 10 kW to 500 kW in size.



Engineering



Feasibility study services

- Site assessments
- Solar technology
- Comparisons & system sizing
- Energy modeling



On site services

- Complete roof surveys
- Equipment location survey & planning
- Grid-Interconnection survey & planning



Electrical engineering

- Shading analysis
- Array layouts
- Single line diagrams



Structural engineering

- Team members are LEED certified
- Design of equipment pads & shade structures
- Structural calculation

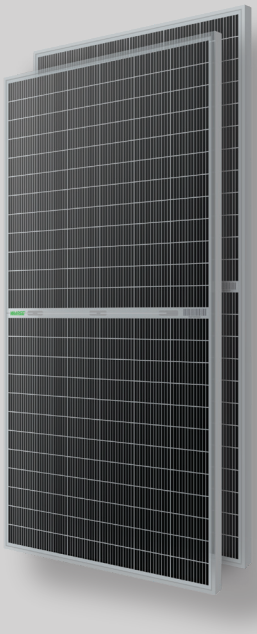


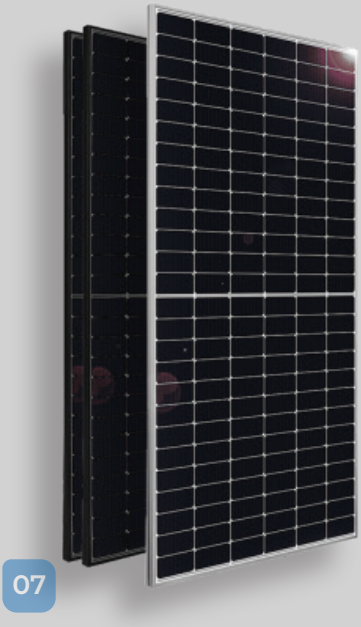
Panels

540 - 550W

Monocrystaline

Half-cut cell





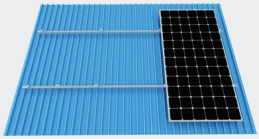
570 - 580W

N-Type

TOPCon

Structures

Our one-stop solution extends beyond establishing solar energy systems. We also offer unmatchedexpertise in crafting customized industrial structures. Enhance efficiency with our precision manufacturing and fabrication services for all shed construction requirements of diverse customers.



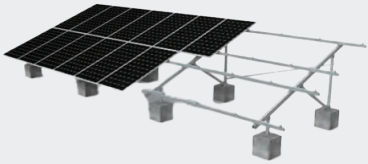
Shed Mounts



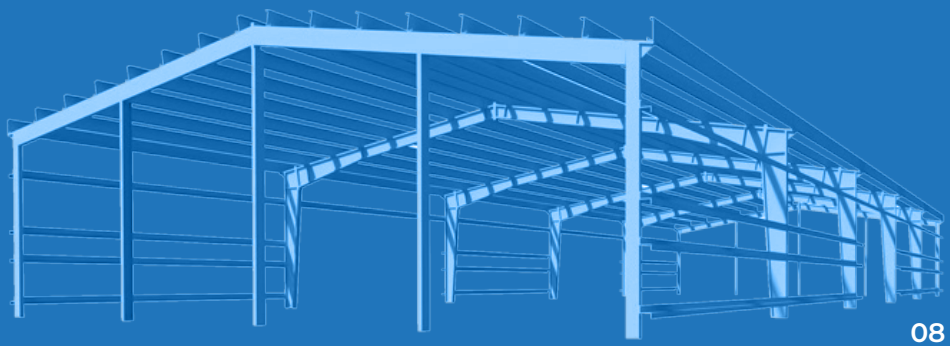
RCC Roof Mounts



Tracking structures



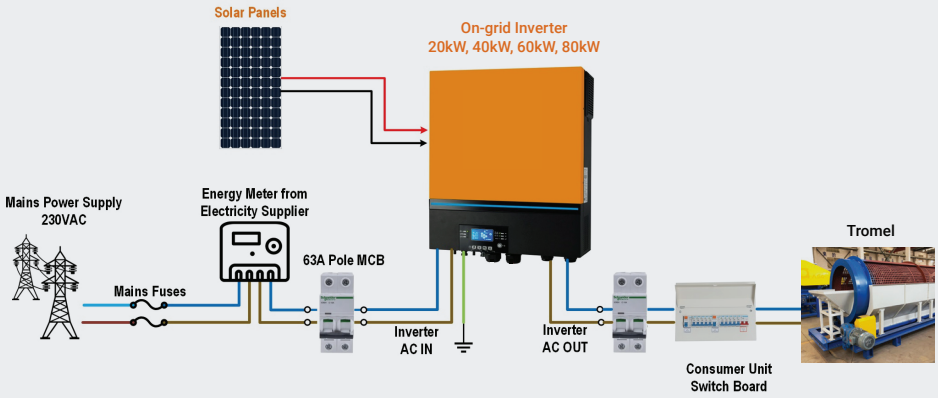
Ground Mounts



SYSTEM
connectivity blueprint



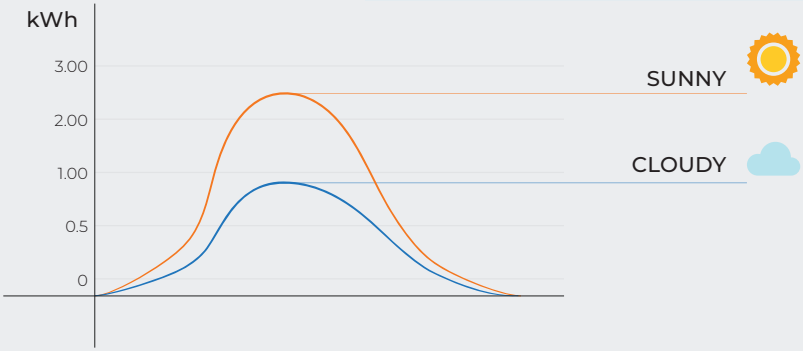
On-grid solar installations are connected to the public electricity grid, allowing excess power to be fed back into the grid. This setup ensures a continuous power supply, balancing solar energy use with traditional electricity sources.



CONSISTENT POWER
solar panels harness energy even in cloudy and rainy weather

Solar panels continue to generate electricity even in cloudy or rainy weather, though at a reduced rate. They capture diffused sunlight, ensuring consistent power production despite less optimal conditions.





Powered by the Sun





Applications

Machines such as baling machines, screening machines, trommels, and shredders are powered by electricity generated from solar energy







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WE ANALYSE

We understand your requirements

WE DESIGN

Create the most suitable and cost effective solution with engineering and industrial experience

WE PROVIDE SOLUTION

We deliver and execute the turnkey solution for our end customers and distributors

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