SANKALP
ELECTRO INFRA

SOLAR ENERGY SOLUTIONS · PAN INDIA

Power for a sustainable future with solar energy

Design, supply and installation of complete solar power systems - rooftop and ground mount, EV charging, battery storage, street lighting, solar fencing and agricultural pumping.



1kW - 5MW
Growatt inverter range

Up to 6x
ZAM corrosion resistance

Rs. 78,000
Maximum subsidy support

Enquire now about Growatt and Servotech solar inverters

For all Commercial, Residential, Industrial and Agricultural use

+91 92479 57801

sales@sankalpelectro.com

ABOUT SANKALP ELECTRO INFRA

Advancing the future of energy

Sankalp Solutions was founded with the vision to provide solar energy solutions and bring a revolution in this present Era. Our mission is to enable and support people across India to move towards clean energy with a range of high-quality solar products from the leading brands from around the globe.

As an Indian-owned solar energy company, Sankalp Electro Infra stands at the forefront of the industry with one of the most experienced teams in the Indian market. Driven by an unwavering commitment to quality, we deliver exceptional products and services that make us a trusted leader in solar energy solutions.

Our core mission is to empower clients with clean, sustainable energy and best-in-class solutions that meet today's needs and shape a greener tomorrow.

We are not new to this. Sankalp Electro Infra is part of the same group as Bhargav Power Solutions, which has spent more than fifteen years supplying and servicing UPS systems, inverters, batteries and servo stabilisers across Telangana and Andhra Pradesh. Fifteen years of being called back to sites teaches you which components actually survive Indian conditions.



A single point of accountability

Solar projects go wrong in the gaps between suppliers, contractors and consultants. We remove those gaps by taking responsibility for the whole chain: site survey and system design, product supply, structure fabrication, installation and commissioning, DISCOM and subsidy paperwork, then monitoring and maintenance once the plant is running.

PRODUCTS

The brands we supply

We are an authorised dealer for Servotech and Rhino, and a channel partner for the manufacturers below. Buying through an authorised channel keeps warranties valid and serial numbers traceable - every item comes through the manufacturer's own channel, documentation intact.

Servotech — AUTHORISED DEALER

HYBRID INVERTERS

Grid-tied operation with battery charging and automatic backup through outages.

Rhino — AUTHORISED DEALER

ROCK MINERAL WOOL INSULATION

Slabs, wired mats, building rolls, RockArmor and loose wool - fire, thermal and acoustic.

Growatt

SOLAR INVERTERS



On-grid, hybrid and storage inverters from 1kW to 5MW, efficiencies to 98.6%.

Vikram Solar

PV MODULES



Hypersol, Paradea and Somera - N-TOPCon and multi-busbar technology.

ReNew Solar

PV MODULES



Mono PERC and N-type TOPCon bifacial modules, 25-year performance warranty.

Havells

SOLAR & BUILDING CABLES



Heat resistant, flame retardant, RoHS compliant, pure copper conductors.

Polycab

PANELS, INVERTERS & DC CABLES



Tinned copper DC cables with FR-LSH low toxic fume technology.

JSW Steel

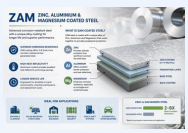
MOUNTING STRUCTURES



Custom-fabricated structures with a 120 GSM galvanisation layer.

ZAM coated steel

PREMIUM STRUCTURES



Zn-Al-Mg coating with self-healing cut edges for coastal and industrial sites.

Vizag Steel (RINL)

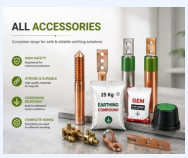
STRUCTURAL STEEL

RASHTRIYA ISPAT NIGAM LIMITED
VIZAG STEEL
Pride of Steel

Government of India certified high-strength galvanised steel.

Accessories & BOI

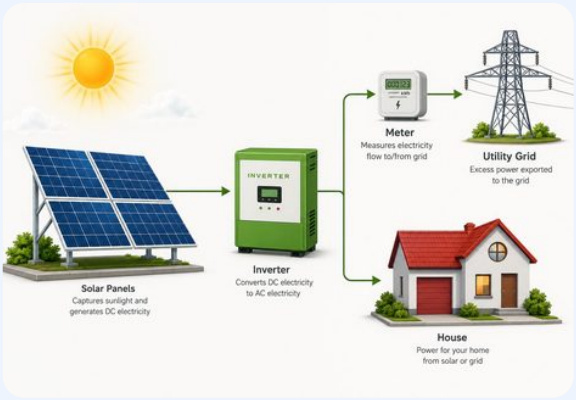
BALANCE OF INSTALLATION



Earthing, DBs, MC4 connectors, lugs, glands, trays, ties and hose.

SOLAR SYSTEMS

Three ways to go solar



On Grid Solar Systems

- Net metering - surplus generation credited against what you draw at night.
- No batteries, so lower cost and a simpler installation.
- Payback in as little as seven years.



Off Grid Solar Systems

- Operates fully independently of the grid, with battery storage.
- Cost-effective where extending the grid is expensive.
- True energy independence from rising tariffs.



Hybrid Solar Systems

- Grid connection plus battery backup in one system.
- Keeps running through outages, unlike plain grid-tied systems.
- Smart inverters optimise against time-of-day tariffs.

SOLUTIONS

Beyond rooftop solar

We supply and install the electrical infrastructure that sits around solar generation - charging, storage, lighting, perimeter security and agricultural pumping.



CHARGING

EV Charging Stations

AC and DC charging for homes, workplaces, fleets and public sites, with optional solar integration and load management.



PERIMETER SECURITY

Solar Fencing

Solar-powered electric fencing for farms, plants, substations and solar parks - a pulsed deterrent that runs without mains power.



ENERGY STORAGE

BESS - Battery Storage

Storage for backup, peak shaving and load shifting, from single-premises cabinets to containerised commercial systems.



LIGHTING

Solar Street Lights

Integrated and semi-integrated street lighting with LiFePO4 batteries, dusk-to-dawn operation and no cabling or metered supply.



IRRIGATION

Agriculture Solar Pumps

Surface and submersible solar pump sets for borewells, open wells and canals, with VFD controllers and mounting structures.



MOUNTING

Rooftop Structures

Galvanised, Galvalume and ZAM coated structures in standard and custom configurations, rated to 220 KMPH.

MOUNTING STRUCTURES

Structures engineered for Indian rooftops

Precision-fabricated mounting structures in standard and custom configurations. Wind resistance up to 220 KMPH and tilt angles from 5 to 25 degrees, fabricated in-house to your layout.

CONFIGURATION	AVAILABLE MODELS
Single Row	1x2 1x3 1x4 1x5 1x6 1x7
Double Row	2x2 2x3 2x4 2x5 2x6 2x7
Three Row	3x2 3x3 3x4 3x5 3x6 3x7

Material options

- **Hot Dip Galvanised** — Heavy-duty coating for general inland use.
- **Pre-Galvanised** — Cost-effective for sheltered rooftop sites.
- **Galvalume** — Aluminium-zinc coating with good heat reflectivity.
- **ZAM (Zn-Al-Mg)** — Premium coating for coastal and industrial sites.

Fabricated in-house

Sections are roll-formed and fabricated under our own quality control, so every member is checked against specification before it ships. For projects outside the standard range we design the structure, plant layout and foundations around your roof and wind zone.



In-house roll forming



Precision fabrication



Installed rooftop array

ZAM STRUCTURES

Zinc, aluminium and magnesium coated steel

ZAM is steel coated with a ternary alloy of zinc, aluminium and magnesium. The magnesium stabilises the corrosion products that form on the surface, producing a dense bonded film instead of the loose white rust that appears on plain galvanised steel.

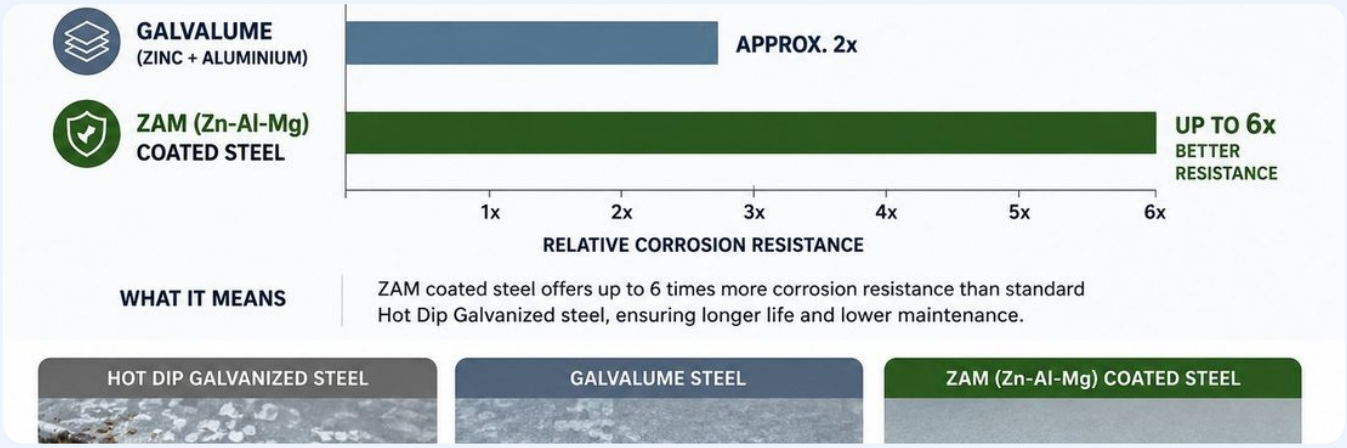


Why it lasts longer

- Up to six times the corrosion resistance of hot dip galvanised steel.
- Cut edges and drilled holes protect themselves - no manual touch-up.
- High-strength S550GD+ZMA and S750HLD+ZMA grades available.
- Now made in India, so lead times are shorter.

Where it pays for itself

- Coastal sites, where salt-laden air strips zinc coatings quickly.
- Industrial atmospheres with sulphur and chemical fallout.
- Agricultural sheds, where ammonia and humidity are constant.
- Any plant expected to outlive a 25-year module warranty.



Relative corrosion resistance - indicative, and dependent on coating mass and site environment.

WHAT WE DO

End-to-end solar, from supply to switch-on



Solar Kits

- Ready-to-install kits with panels, inverter, structure, cables and accessories.
- Pre-matched components cut installation time and labour cost.
- Sized for residential, commercial or industrial use.



Solar Installation

- Turnkey installation by trained technicians using premium components.
- Warranty cover of up to 27 to 30 years on the installed system.
- Free site evaluation and personalised system design.



Subsidy Assistance

- Up to Rs. 78,000 under PM Surya Ghar Muft Bijli Yojana.
- We assess eligibility, file the application and handle the paperwork.
- Post-installation support to keep the plant performing.

B2B supply for installers and EPCs

Trade supply of the full bill of materials - modules, inverters, cables, structures and every balance-of-installation item - on volume pricing, with in-house structure fabrication to your drawings and consignments scheduled to your site programme.



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Ready to switch to solar?

Tell us about your requirement and our team will come back with a system design, an estimate and subsidy guidance.

PRIMARY CONTACT

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sales@sankalpelectro.com
Monday to Saturday, 9:30 AM - 6:30 PM

OFFICE ADDRESS

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Medchal-Malkajgiri District,
Telangana

FACTORY ADDRESS

Plot No. 336, TSIIC,
MSME Green Industrial Park,
Dandu Malkapur (V), Choutuppal Mandal,
Yadadri Bhuvanagiri District, Telangana

BRANCHES

Visakhapatnam - Kakinada - Vijayawada - Miyapur (Hyderabad) - Tadipatri (Anantapur District)

www.sankalpelectro.com

Specifications and indicative performance figures are subject to change; confirm current details with our team.