

www.kamalsolar.com | info@kamalsolar.com +919880739199 | +918023512799 | +918023418630

#1445/4, Railway Parallel Road, C Block Sahakarnagar, Bangalore - 560092



Kamal Solar®

Who We Are

Established in the year 1998 under the incorporation of Velnet Non-Conventional Energy Systems Pvt Ltd, we are one of the largest and leading solar manufacturing companies in India. We at Kamal Solar are known for outstanding quality, excellent customer service, trust and prompt after-sales service.

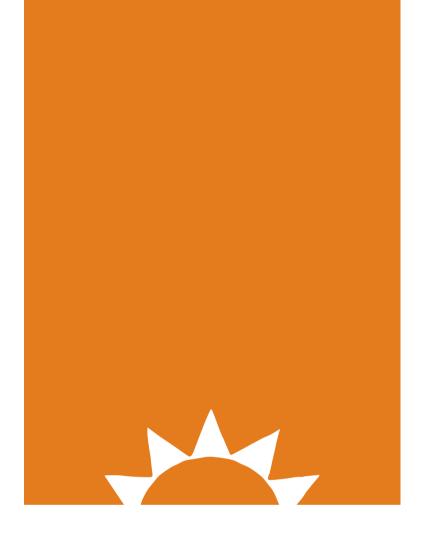
Our Mission

To build strong Green Communities by creating awareness about the benefits of solar energy and combining innovation with excellence for the purpose of sustainability & becoming more environment friendly.









SOLAR WATER HEATERS

Flat Plate Collector (FPC)
Evacuated Tube Collector (ETC)

Flat Plate Collector (FPC)



Types

Standard, Pressurized, Heat Exchanger

Capacity

375LPD, 500LPD, 750LPD, 1000LPD

* Customised higher capacities also

100LPD, 150LPD, 200LPD, 250LPD, 300LPD,

Stainless Steel (304L), Copper Electro Grade

Inner Tank

Stainless Steel, Colour Coated Sheet

available on orders

Outer Cladding

Tank Insulation

Polyurethane Foam (PUF)/RockWool

Circulation Type

Thermosyphon, Forced Circulation

Collector Riser Tube

Copper (12.7 mm)

Copper (25.4 mm)

Collector Header Tube

Aluminum

Absorber Sheets

Absorber Coating

Black Chrome Solar Selective Coating Absorptivity: 0.96 + 0.02

Emissivity: 0.12 + 0.02

Collector

Insulation

Glass Wool/Resin Bonded RockWool

Collector Box

Aluminum Channel

Flanges

Brass

No. Of Fins

9,11

Glazing Gasket

EPDM Rubber

Stand

Corrosion Resistant Mild Steel

No. Of Collectors

1

Electrical Backup

Optional (Extra Charges Applicable)

Toughened, Low Iron, Prismatic Glass

Evacuated Tube Collector (ETC)



Capacity

100LPD, 150LPD, 200LPD, 250LPD, 300LPD, 500LPD, 1000LPD upto 5000LPD

Inner Tank

Copper Electro Grade, Stainless Steel (304L), Gl

Outer Cladding

Colour Coated Sheet, Stainless Steel

Insulation

Polyurethane Foam (PUF)

Hermetic Sealing Rings

Silicon Rings

Evacuated Tube Material

Borosilicate Glass

Evacuated Tube Diameter

58 mm

Evacuated Tube Length

1800 mm, 2100 mm

Evacuated Tube Thickness

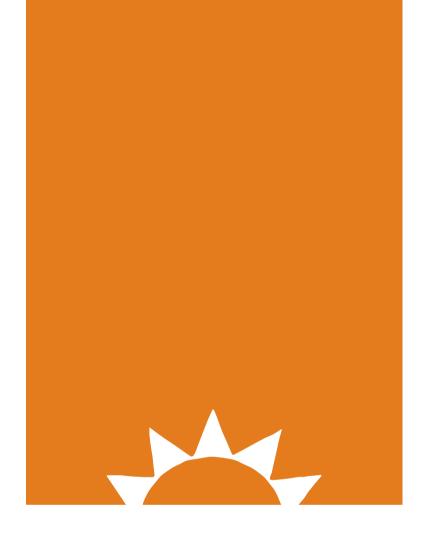
1.6 mm

Stand

Colour Coated GI Sheet, Stainless Steel

Electrical Backup

Optional (Extra Charges Applicable)



SOLAR ROOFTOP

On-Grid

Off-Grid

Hybrid

On-Grid Solar Rooftop



On-Grid Solar Rooftop is best suitable for places with constant power supply. In this case, the excess generated power is supplied back to the grid where the government pays the per unit cost back to the client. This involves permission from the electricity board.

PV panels are available in the range of 330W to 545W. On-Grid inverter with MPPT, a 2-way meter, structure, etc. are provided as per client's requirements.



Off-Grid Solar Rooftop



Off-Grid system is best suitable for places with minimum or no electrical supply. Places with frequent power cuts such as rural areas or remote locations.

PV panels are available in the range of 330W to 545W. Solar batteries appropriate for client's usage will be provided. Reliable inverters for any kW are available with excellent after sales service.

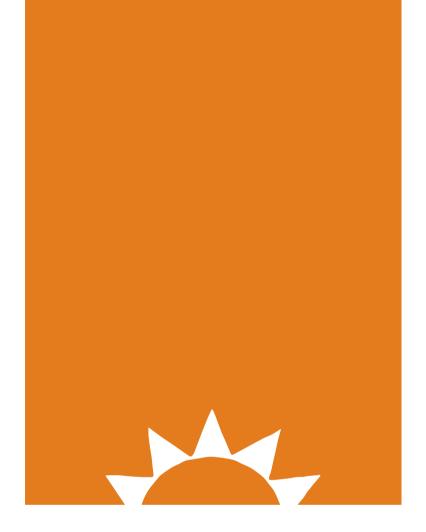


Hyrbid Solar Rooftop



Hybrid system is best suited for places with power, but with frequent power cuts. In case of excess power generated, the power is supplied back to the grid. If the grid is not available (during power cut), the building will still have electrical supply due to the batteries connected to the inverter.

PV panels are available in the range of 330W to 545W. Hybrid inverter, structure and solar batteries are provided as per client's needs.



SOLAR STREET LIGHT

Our street lights are designed to perform in all weather conditions providing broad coverage area

Any custom design also available

Solar Street Light



8 Watts Solar Street Light Single Arm

PV Modules 37 Wp

Battery 12 V / 15 Ah Lithium Iron Phosphate

LED Lights 8 Watts - 1 Nos

Poll Length 15 feet

12 Watts Solar Street Light Single Arm

PV Modules 75 Wp

Battery 12 V / 25 Ah Lithium Iron Phosphate

LED Lights 12 Watts - 1 Nos

Poll Length 15 feet

18 Watts Solar Street Light Single Arm

PV Modules 100 Wp

Battery 12 V / 40 Ah Lithium Iron Phosphate

LED Lights 18 Watts - 1 Nos

Poll Length 15 feet

30 Watts Solar Street Light Single Arm

PV Modules 150 Wp

Battery 12 V / 60 Ah Lithium Iron Phosphate

LED Lights 30 Watts - 1 Nos

Poll Length 15 feet

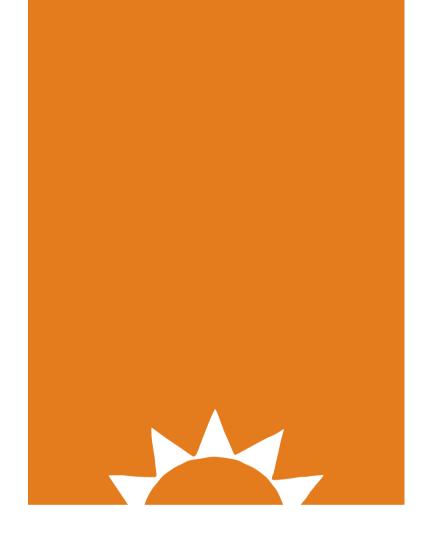
30 Watts Solar Street Light Dual Arm

PV Modules 150 Wp

Battery 12 V / 60 Ah Lithium Iron Phosphate

LED Lights 18 Watts - 2 Nos

Poll Length 15 feet



HEAT PUMPS

Highly- Efficient | Low Noise | Durable

120 LPH, 160 LPH, 230 LPH, 320 LPH, 470 LPH
Any custom capacity also available

Heat Pumps

Our Heat Pumps are available in the following specifications

120 Litres Per Hour

Output Power 4.64 kW

Input Power 1.22 kW

Compressor Panasonic / Rotary

Refrigerant R 410A

Net Weight 50 kg

160 Litres Per Hour

Output Power 6.5 kW

Input Power 1.71 kW

Compressor Panasonic / Rotary

Refrigerant R 410A

Net Weight 55 kg

230 Litres Per Hour

Output Power 9.28 kW

Input Power 2.45 kW

Compressor Panasonic / Rotary

Refrigerant R 410A

Net Weight 70 kg

320 Litres Per Hour

Output Power 13 kW

Input Power 2.8 kW

Compressor Copeland / Scroll

Refrigerant R 417A

Net Weight 130 kg

470 Litres Per Hour

Output Power 19 kW

Input Power 4.3 kW

Compressor Copeland / Scroll

Refrigerant R 417A

Net Weight 147 kg



We look forward to serving you



For orders & queries, reach out to us at:

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