



Dynamech
Electropower Pvt. Ltd.



**सौर ऊर्जा के लिये
आपका भरोसेमंद साथी**

www.dymamechelectropower.com



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Electropower Pvt. Ltd.

**हर छत पर हो सोलर
यही है डायनामेक का संकल्प**



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Corporate Office:
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Over 2000 households
have benefited from
Dynamech Rooftops.

If you want to reduce
your electricity bill,
we are just a call away!



Dynamech provides you with end-to-end rooftop solar rooftop solutions. Right from designing, installation, maintenance & attaining all government permits.

**PM Modi announced
Pradhan Mantri Surya
Ghar Muft Bijli Yojna:**

- ▶ Installing Rooftop Solar on 1 crore households
- ▶ Providing up to 300 units of free electricity every month



Over 2000
household solarised

Legacy of
30 years

Touched more
than 100000 lives

Upto 75% saved
in monthly bills

FAQ's:

What is a solar rooftop system?

In a solar rooftop system, the solar panels are installed on the roof of any residential, commercial, institutional and industrial building.

How much area is required to set up the rooftop solar system?

A 1 kw rooftop system generally requires 6.5 sq. metres (70 sq. feet) of flat, shadow-free area (preferably south-facing). Actual sizing, however, depends also on local factors of solar radiation and weather conditions and shape of the roof.

What are the different types of solar power rooftop systems?

These are two types:

(i) Solar Rooftop System with storage facility using battery (ii) Grid Connected Solar Rooftop System

How does net metering work with rooftop solar?

The grid connected rooftop system can work on net metering basis wherein the beneficiary pays to the utility on net meter reading basis only. Alternatively two meters can also be installed to measure the export and import of power separately. The mechanism based on gross metering at mutually agreed tariff can also be adopted.

Do I need a battery for this system?

It depends on the consumption cycle. If the consumption cycle matches with the generation cycle then battery may not be required. Also, in case of net metering, excess power will be credited in the bill so no battery is required.

What happens when there's no sunlight on cloudy days?

Solar panels work just fine in ambient light and will produce significant energy in the fog or on overcast days. In bad weather, the production may not be 100% but they will produce power. On cloudy days, they may produce 60% of the required output. Germany, who ranks low in sunny days, is the solar energy capital of the world.

How long does the rooftop solar system last?

Solar panels manufacturer's warranty is 25 years. So, broadly life of solar rooftop is 25 years. However, it does function after 25 years with 80% output.

What about the maintenance of the system and how is it done?

They rarely require any maintenance or cleaning, plus they have warranty of minimum 25 years. All it requires is to wash panels once every 15-20 days with a cloth. Dynamech can provide you yearly maintenance at your doorstep at nominal cost in regular intervals.

What are the financial benefits of solar energy?

Subsidies are available from multiple channels for setting up Rooftop PV projects. Subsidy/Support from Central Government through MNRE. Government Institutions including Public Sector Undertaking (PSU) shall not be eligible for subsidy; instead they will be given achievement-linked incentives/wards. Subsidy/Support from State Government through State Nodal Agencies (SNAs): Subsidy support is also available in various states. The percentage of subsidy varies according to the state policies.

What are the environmental benefits of solar energy?

- Using less water
- Reducing air pollution
- Help to slow climate change
- Reducing your household's carbon footprint) Reducing our reliance on fossil fuels

How do I get my subsidy on the solar system which the government is issuing?

Dynamech will be there to assist you right from start till the end for availing your subsidy through the National Solar Rooftop Portal www.solarrooftop.gov.in

Can I pay through EMI?

Yes, under Surya Ghar- Muft Bijli Yojna you can take it. Dynamech has tied up with SBI.

How do we take amount from the customer:

- ▶ 10%: At the time of booking
- ▶ 40%: When the material reaches them
- ▶ 30%: Installation
- ▶ 15%: At net metering
- ▶ 5%: Subsidy

MNRE Revised the subsidy under National Solar Rooftop Portal

Average Monthly Electric Consumption (Units)	Suitable Rooftop Solar Plant Capacity	Subsidy Support
0-150	1 - 2 kW	₹ 30,000 to ₹ 60,000/-
150-300	2 - 3 kW	₹ 60,000 to ₹ 78,000/-
> 300	Above 3kW	₹ 78,000/-

Why Dynamech?



We can make Solar Rooftop structure in a way that your rooftop space doesn't get wasted



We have the facility of regular maintenance of your Solar Rooftop Plant



We provide good quality material which generates good amount of energy



We help you avail govt. subsidy & assist you end to end in the whole process



We deliver everything at your doorstep



We have a legacy of 30 years, with a vast experience in this industry



We have a experienced & qualified team



We listen to your problem any time

Why should you use Solar Rooftop Power Plant?

- ▶ Reducing your electricity bill drastically: Aatamnirbhar for your electricity needs
- ▶ Electricity is becoming expensive day by day
- ▶ Utilization of available vacant roof space, no additional land required.
- ▶ No additional requirement of transmission and distribution (T&D) lines.
- ▶ Reduces T&D losses as power consumption and generation are collocated.
- ▶ Improvement in the tail-end grid voltages and reduction of system congestion.
- ▶ Doing your bit towards the environment
- ▶ Saving Energy and working towards a better India
- ▶ Government is providing you subsidy
- ▶ Low gestation period.
- ▶ Using long term, renewable source of energy.

Process for installation of Rooftop Solar system at residential house under simplified procedure

