

## **PRODUCTS**


by Anand Kumar Ashodhiya - Sunday, September 25, 2016

<http://dayrisesolar.com/products/>

### **Products**

DayRise Solar takes pride in introducing itself as One Stop solution to all Solar Power requirements i.e SOLAR ENERGY SOLUTIONS, SOLAR POWER PLANT SOLUTIONS and SOLAR [PRODUCTS](#), DayRise Solar Energy Pvt Ltd, Sonipat is an EPC Company based at Sonipat within NCR Delhi with ISO14001 and OHSAS 18001 Certification and a dynamic venture growing leaps & bounds in the field of Solar Energy. DayRise have specialized in providing bespoke solutions to companies and corporate looking towards the future of energy i.e. New and Renewable Energy – Solar Energy. DayRise Solar deals in all types of products in respect of Solar Power Plant Installations like;

### **Product No.1 On-Grid Rooftop Solar Power Plants**

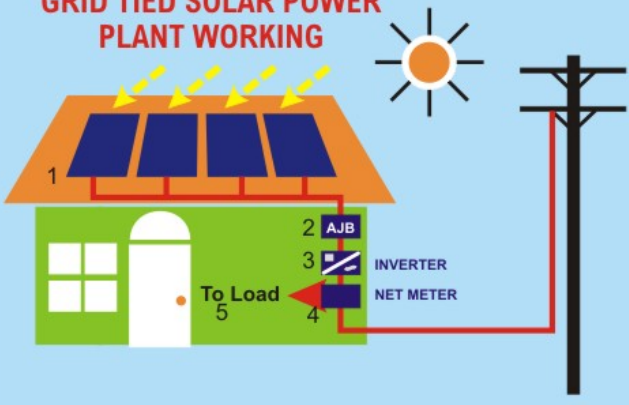


DAYRISE SOLAR ENERGY PVT LTD  
formerly Rural India Solar Energy  
RISE Enterprise

# DayRise Solar Energy Pvt Ltd

Deals in : Solar Power Plant, Solar Panels , Solar Inverters, Solar Mounting Structure, Solar Batteries, Solar BOS

**GRID TIED SOLAR POWER PLANT WORKING**



1. Solar Panels  
2. Array Junction (AJB)  
3. Inverter  
4. Net Meter  
5. To Load

1. Solar Panels Convert Sun energy into DC power
2. Array Junction Gives DC Power to Grid Tied Inverter
3. Grid Tied Inverter Converts DC Power Into AC Power
4. Net Meter Measures Import & Export of Electricity
5. Load Runs on Solar excess electricity is supplied to grid
6. Is Installed Where Electricity Is Available For 24 Hrs. A Day

**Showroom : B/212C, Mama Bhanja Chowk, Delhi Road, Sonapat-131001 (Haryana)**

**Contact No.: +91 9963493474, 9618637662 Email : [info@dayrisesolar.com](mailto:info@dayrisesolar.com), <http://dayrisesolar.com>**

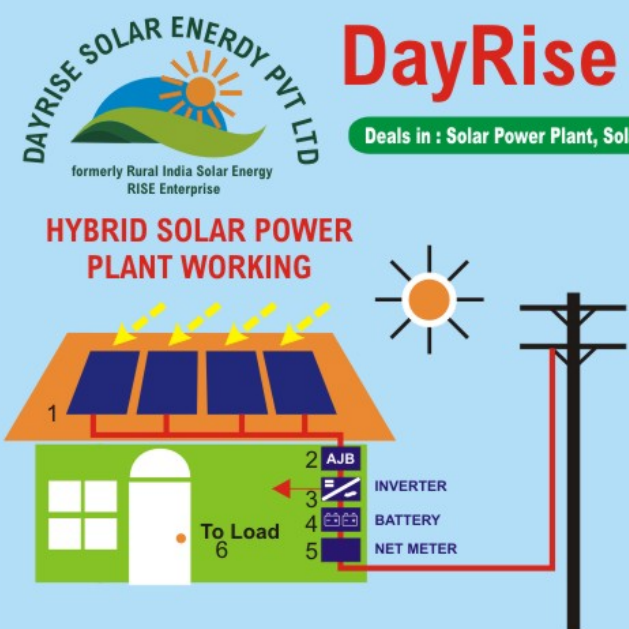
## Product No.1 On-Grid Rooftop Solar Power Plants

- Grid-Tied rooftop solar plants are installed in such areas where grid electricity is available for almost 24 hours a day to enable excess electricity exporting to the Grid through Net Meter.
- These systems are eligible for Govt Subsidy for Residence, Institutions and NGOs to the tunes of Rupees 20,000 per kW or 30% of the project, whichever is less.
- No batteries are installed in these kind of system, the Grid acts as the storage.
- The plant will not work in the absence of Grid for safety measures.
- This would enable users to cut their electric bills up to 90% for almost 25 years.
- Users may avail 30% Subsidy on Solar Power Electricity Panels by getting On-grid Rooftop Solar System installed at their empty roof space.
- One Kwp on-grid rooftop solar power plant may generate 4 to 5 units per day subject to clear day light and availability of Grid. Solar PV modules may perform at least 25% of its warranted capacity even on cloudy days. Solar PV Modules are warranted to perform 80 to 90% for 25 years i.e 90% for first 10 years and 80% for remaining 15 years.
- One kWp solar plant may help you to reduce your electric bill up to Rupees 1000 per month for 300 clear sunny days in India.
- Installation of One kWp Solar Power plant would require 110 Square Foot (11 Square metres) shadow free empty roof space.
- On-Grid solar power plant equivalent to Sanctioned Load (SL) of your electric meter ranging from 1 to 500 kWp may be installed after obtaining prior sanction from State Nodal Agency of particular state Government.
- On-Grid Solar plant is comprised of Solar Panels, Mounting Structure, Connectors, DC Wire, On-Grid String Inverter, AJB, DJB, SPD, Earthing and Lightening Arresters along with other BOS

(Balance of System).

- On-Grid Solar Plant also includes mandatory 5 Years Annual Maintenance Contract (AMC) as per guidelines given by [MNRE, Govt of India](#) other than the individual warranties / warranties of various products / components.

## Product No.2 Hybrid Rooftop Solar Power Plants



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**HYBRID SOLAR POWER PLANT WORKING**

1. Solar Panels Convert Sun energy into DC power
2. Array Junction Gives DC Power to Grid Tied Inverter
3. Hybrid Inverter Works As Grid Tied Inverter As Well As Off Grid When Electricity Is Not Present
4. Batteries Power The Load When Electricity Is Not Present
5. Net Meter Measures Import & Export of Electricity
6. Load Runs on solar when Electricity is Present And On Batteries When It is Not
7. Is Installed Where Electricity Is Available For 20-22 Hrs. A Day

2 A/JB  
3 INVERTER  
4 BATTERY  
5 NET METER  
6 To Load

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### Product No.2 Hybrid Rooftop Solar Power Plants

- Hybrid rooftop solar plants are installed in such areas where grid electricity is available for 18 to 20 hours a day to enable excess electricity exporting to the Grid through Net Meter as well as to power the load from batteries during Grid failure.
- These systems are also eligible for Govt Subsidy for Residence, Institutions and NGOs to the tunes of Rs.20,000 per kW or 30% of the project, whichever is less.
- Batteries as per system size are installed in these kind of system, the Grid would also acts as the storage being a Grid tied system.
- The plant will work even in the absence of Grid, however it is quite expensive.
- This would enable users to reduce their electric bills up to 80% for almost 25 years.
- Users may avail 30% Subsidy on Solar Power Electricity Panels by getting Hybrid Rooftop Solar System installed at their empty roof space.
- One Kwp Hybrid rooftop solar power plant may generate 4 to 5 units per day subject to clear day light and availability of Grid. Solar PV modules may perform at least 25% of its warranted capacity even on cloudy days. Solar PV Modules are warranted to perform 80 to 90% for 25 years i.e 90% for first 10 years and 80% for remaining 15 years.

- One kWp solar plant may help you to cut your electric bill up to Rupees 800 per month for 300 clear sunny days in India.
- Installation of One kWp Solar Power plant would require 110 Square Foot (11 Square metres) shadow free empty roof space.
- Hybrid solar power plant equivalent to Sanctioned Load (SL) of your electric meter ranging from 1 to 500 kWp may be installed after obtaining prior sanction from State Nodal Agency of particular state Government.
- Hybrid Solar plant is comprised of Solar Panels, Mounting Structure, Connectors, DC Wire, Solar Batteries, Hybrid Inverter, AJB, DJB, SPD, Earthing and Lightning Arresters along with other BOS (Balance of System).
- Hybrid solar system also includes mandatory 5 Years Annual Maintenance Contract (AMC) as per guidelines given by [MNRE, Govt of India](#) other than the individual warranties / warranties of various products / components.

## **Product No.3 Off-Grid Rooftop Solar Power Plants**

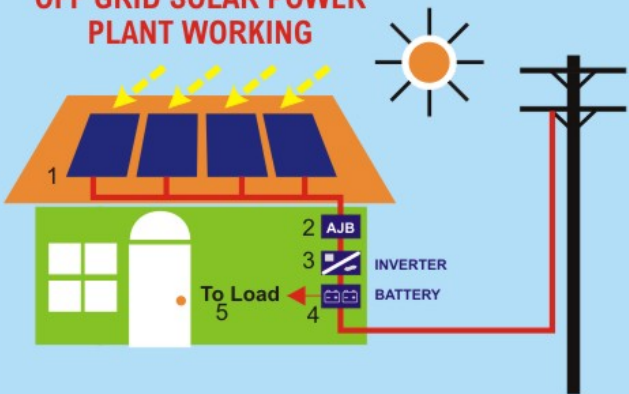




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## OFF GRID SOLAR POWER PLANT WORKING



1. Solar Panels Convert Sun energy into DC power
2. Array Junction Gives DC Power to Off Grid Inverter
3. Off Grid Inverter Stores Power In Batteries Converts DC Power Into AC Power
4. Load Runs on Solar
5. Is Used Where Grid Electricity Is Not Present

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### Product No.3 Off-Grid Rooftop Solar Power Plants

- Off-Grid rooftop solar plants are installed in such areas where grid electricity is either not available during day time or very limited as in the remote areas.
- The load is powered from batteries.
- These systems are not eligible for Govt Subsidy. Batteries as per system size are installed in these kind of system.
- The plant will work even in the absence of Grid. This would enable users to cut their electric bills reasonably for almost 25 years.
- Users may not avail 30% Subsidy on Solar Power Electricity Panels since Off-grid Rooftop Solar System installed at their empty roof space are not eligible for Govt aided Solar Subsidy.
- One Kwp off-grid rooftop solar power plant may generate 4 to 5 units per day subject to clear day light.
- Solar PV modules may perform at least 25% of its warranted capacity even on cloudy days. Solar PV Modules are warranted to perform 80 to 90% for 25 years i.e 90% for first 10 years and 80% for remaining 15 years.
- One kWp off-grid solar plant may help you to cut your electric bill up to Rupees 800 to 900 per month for 300 clear sunny days in India.
- One kWp (1000 Watt) off-grid solar power plant is sufficient enough to power up / charge your 02 batteries of 12 Volt 150 Ah.
- Installation of One kWp Solar Power plant would require 110 Square Foot (11 Square metres) shadow free empty roof space.
- Off-Grid solar power plant of any capacity may be installed without permission from any Government machinery.

- This plant is comprised of Solar Panels, Mounting Structure, Connectors, DC Wire, Solar Charge Controllers, Solar Batteries and Inverters along with other BOS (Balance of System).
- Off-Grid solar system normally carries standard individual guaranties / warranties of various products / components.

## Contact DayRise Solar Team

The Expert team of the DayRise Solar may be approached through the [contact](#) page of the Company's website <http://dayrisesolar.com> or by official telephonic communication.

Alternately you may like to book your product by filling up your details in the following [contact](#) form so that Expert team could send requisite details or extend help through your mobile phone. Hence do not forget to mention your email ID and Mobile No. for easy access. You may also include products details you wish to install at your premises in the message. Finally click Submit button in the form given below.

Your Name (required)

Your Mobile (required)

Your Email (required)

Your Interest

Share List

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