

## **Step by Step Guide for Solar Panel Installation in Sonipat**

by Anand Kumar Ashodhiya - Sunday, May 27, 2018

<http://dayrisesolar.com/step-step-guide-solar-panel-installation-sonipat/>

This step by step guide for solar panel installation in Sonipat will address the following topics:

1. Which Solar Panels to be Bought
2. Where to Buy Solar Panels in Sonipat
3. Solar Panels Installation Tips
4. Grid Tied Rooftop Solar Power Plants and Net Meters

### **Which Solar Panels to be Bought?**

You may like to buy solar panels from a variety of solar panel producers, including Sufuel Technology, Vikram Solar, Rhine Solar, Kirloskar, Microtech, HVR Solar, IB Solar, Waree, Mehar Solar, MSurya, Tata Power, Adani, Jinko, Canadian Solar, Sunwize, Evergreen, and Mitsubishi Electric. Prices of solar modules differs from brand to brand. Prices of solar Photo-voltaic Modules also would differ as per the size, brand, wattage as well as voltage. To find out various rates of the panels you may like to visit DayRise Solar Enerdy's [Contact Page on its official Website](#) DayRise Solar - One stop solution to your solar requirements or through telephonic communication given therein. Do not buy solar panels online or from cheap vendors. Since solar panels are worth to run 25 years and beyond hence your investment must be wise for the genuine Solar panels and not the fake one. Solar Power plants with cheap panels and low standard accessories would not stand for a longer period of 25 years thus forfeiting the basic purpose of your investment into solar energy. So think twice before buying cheap stuff. Let the expert team of [DayRise](#) Solar do the job for you. They are simply one call away and ever ready for consultation, site visits, quotation, price estimation, installation and commissioning of Solar Power Plants.



## Step by Step Guide for Solar Panel Installation in Sonipat

### **Where can I buy solar panels or get help for installation?**

While buying solar panels simply follow Step by Step Guide for Solar Panel Installation in Sonipat to get real help in that matter. Before raising any query about rates of solar panels, you need to be doubly sure about what kind of solar power plant you need to install. There are various types of solar power plants i.e. On-Grid Rooftop Solar Power Plants, Hybrid Rooftop Solar Power Plants and Off-Grid Rooftop Solar Power Plants. Now we need to understand the difference between these three plants. On-grid solar plant is installed at such places where grid connectivity is for almost 24 hours and the user wants to reduce his/her electric bills for next 25 years. Second kind of [plant](#) i.e. Hybrid is required to be installed at such places where grid availability is for 18 to 20 hours a day and the user needs constant supply along with benefits of net meter to save money on electric bills. The third and the last one Off-Grid solar power plant is required to be installed at such areas where grid availability is either limited or does not exist; hence user needs power backup system through solar energy. So, once you have determined the kind of plant you need to install at your residence, school, college, institutions, commercial venture, malls, office etc, you may like to seek help of local solar developer or solar system integrator like [DayRise Solar](#) who are fully competent and technically expert in engineering, procurement, construction and installation of Solar Power Plants in Delhi NCR as well as Sonipat, Haryana region.

### **Why should you hire trained Solar Professional?**

It would be really prudent to know Step by Step Guide for Solar Panel Installation in Sonipat before you contemplate to hire a solar professional. Solar Panel or solar power plant installation utterly needs sound knowledge, technical know-how and technical experts to consult, analyse and integrate a solar power plant with various components i.e. Solar Panels, connectors, wires, AJB, DJB, SPD, Lighting Arresters, Earthing, Net Meter etc. Since it involves electrification, hence strongly NOT RECOMMENDED "Do It Yourself" kind of stuff. Stay Away from so-called tips, tricks and hacks about solar energy. Moreover your life is more precious than handling electricity yourself and inviting troubles for self and family. So, choose wisely, choose right equipment, right people to do the right job. Hope you understand the value of core professionalism.

### **Solar Panel Installation Tips|Step by Step Guide for Solar Panel Installation in Sonipat**

Solar Panels are typically installed on rooftops, building tops, or stand-alone facilities. It is vital to install your [solar panels](#) facing south at tilted at 28 degree so that it gets the most direct sun exposure - you want to make sure your [solar panel](#) is maximally effective year round. To do this, there are several solar installer to help you properly set up and install your solar panels by tracking the position of the sun in the sky over the course of the year.

### **Positioning of your solar panel in direct sunlight**

While installing Solar Power plants you just need to follow the Step by Step Guide for Solar Panel Installation in Sonipat so as to make sure correct positioning of your solar panels in direct sunlight. Solar Panels perform at best capacity when placed in direct sunlight. You should strive high to get your photo-voltaic arrays positioned directly under the noontime sun for maximum efficiency from your photo-voltaic unit. Notice obstructions to sunlight. Remove all unnecessary items or trim branches that may be blocking sunlight to your solar unit. Trace the path of the sun in the sky to decide if an object is casting a shadow over your solar photo-voltaic panels. If this is the case, then the operating efficiency of your unit will undoubtedly suffer.

### Mounting Structure for Solar Panel Installation

Step by Step Guide for Solar Panel Installation in Sonipat clearly explains about the type and quality of mounting structure for solar panel installation which has to be at least Galvanized standard. Solar Panel Mounts are used to install photo-voltaic solar panels. Solar panel mounts come in three main varieties: pole mounts, roof-ground mounts, and flush mounts. Using these mounts, solar panel can be installed on a RV, on top of or against the side of a pole, on your roof, or even install them as a free-standing unit. You can learn more about installing solar panels for Water pumping also. A good way to put solar panels to use is to install a solar-powered water pump for your well. A solar-powered system works just as well, and is equally friendly to the environment.

### Essential Parts or Components of Solar Powr Plant

- On-Grid / Hybrid Solar Power Plants with Subsidy and net metering facility

- \* Solar Panels - Should have 25 Years Warranty, BIS / MNRE Approved, A Grade, 4/5 BB and Minimum efficiency 16%

- \* Solar Mounting Structure - Should be MS Dip Hot Galvanized or zinc / Epoxy coated to avoid rust, 5 yrs warranty

- \* Solar DC Wire - As per [MNRE](#) standards

- \* Solar MC4 MCY Connectors - As per MNRE Standards

- \* Array Junction Box - As per MNRE Standards

- \* Distribution Junction Box - As per MNRE Standards

- \* Surge Protection Devices - As per MNRE Standards

- \* Grid-Tied / Hybrid Solar Inverter - 5 Years warranty

- \* Solar Batteries - 5 Years Warranty

- \* Balance of System - As per MNRE Standard

- Off-Grid Solar Power Plants without Subsidy Stand Alone System

- \* Solar Panels - Should have 25 Years Warranty, BIS / MNRE Approved, A Grade, 4/5 BB and Minimum efficiency 16%

- \* Solar Mounting Structure - Should be MS Dip Hot Galvanized or zinc / Epoxy coated to avoid rust, 5 yrs warranty

- \* Solar DC Wire - As per MNRE standards

- \* Solar MC4 MCY Connectors - As per MNRE Standards

- \* Off-Grid Solar Inverter - 2 Years warranty
- \* Solar Charge Controller / Solar Management Unit - 1 Year Warranty
- \* Solar Batteries - 5 Years Warranty
- \* Balance of System - As per MNRE Standard

### Step by Step Guide for Solar Panel Installation in Sonipat with Net Meter facilities

I am not only sure but confident that you will be highly benefited if you adopt the Step by Step Guide for Solar Panel Installation in Sonipat while you contemplate to install Grid Connected Rooftop Solar Power Plants. On-grid and Hybrid solar power plants would need to be connected with the Net Meter so that extra generation of electricity units by Solar could be exported into Grid and same could be taken back during night. This is good way to reduce your electric bill to the tune of 90% for next 25 years. If you are interested in reaping benefits from your solar panel investment, [contact DayRise Solar Energy Pvt Ltd](#) to discover how you can turn your power meter backwards for profit and earn money from your [Solar Power Plants](#).



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### Step by step guide for solar panel installation in Sonipat with Solar Subsidy

Also to get help and full Procedure to Avail [Solar Subsidy in India](#) for [Grid Connected Rooftop Solar Power Plant](#), it's possible you'll like to contact extremely skilled and expert group of DayRise Solar by way of its Website's contact Page or by e mail alternately for any question associated to Solar Energy, Solar Subsidy, Solar power, solar [products](#), design, installation and commissioning of On-Grid / Off-Grid Rooftop / Ground Mounted Solar Power Plants throughout Haryana and Delhi NCR. Qualified skilled team of DayRise Solar might help you in processing of subsidy utility, bi-directional meter utility and uploading of all related documents.

- [DayRise Solar Energy Pvt Ltd](#)

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