

Sky Fuel is FREE

Go for

Solar Generator



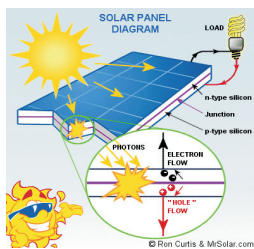
- Independent of Grid Power
- Free Power During day time
- Functions as Inverter in Night
- Stabilised Power supply - No Voltage variation
- Life of 20 / 25 yrs
- Saves fuel & maintenance cost of your D.G.
- Accelerated depreciation of 80%

For Fuel Stations (Petrol Pumps)

Get appropriate
Solar Power Solutions from us.

 **B.Algo[®] Solar**
Bridge to future energy needs

How Solar Works ..



Solar Panels are made of n type & p type silicon leaves, similar to battery.

When sun light falls on the solar panels, causes flow of electrons. This is a DC current which when converted to AC, is used as "Power" to run the electrical appliances.

There are 3 major components in Off Grid a Solar Generator.

1. Solar Panels
2. Solar Generator / Inverter
3. Power Storage i.e. Batteries

Solar Panels :

Life of Solar Panel is estimated as 25 Yrs +.with abt 1% production degradation per year Hence all the system components need to be of equivalent life span. Supporting structure needs to be Hot Dipped Galvanised with all stainless Steel Nut Bolt / Fixtures. It should withstand the maximum wind pressure noted at the given height / point of installation.

Electrical System :

Not only the Solar Generator but all the supporting electrical system needs to stand the grid voltage fluctuations / conditions using necessary spike suppressors on AC & DC side both, earthing & incorporate necessary protections and give stable power supply to load.

Solar Generator has to be of "Continuous Duty Cycle". It has a long life span and hence the Solar Generator / Inverter has to be programable at site to accommodate changes in load, Load Shedding pattern, battery type etc within the reasonable limits.

Batteries:

Generally 2 V industrial grade batteries are suggested for longer life. Normally available Inverter batteries can also be used as substitute to reduce the cost of installation.

How It is useful for Petrol Pumps ...

Load & power requirements for petrol pumps is typical and needs a careful study for configuration of solar generator for this application. Configuration of a system with 6 Hrs Daily Load shedding will differ from that of uncertain Load Shedding & even with absolutely no power cuts.

In case of heavy Load Shedding, one can save on the cost of diesel for the DG set. It is free from recurring fuel cost, maintenance problems, noise and is totally environment friendly. It is observed that the investment can be recovered just in 18 / 24 months in few cases.

In case there are no power cuts, one can save on electricity bill and get free solar power for 25 yrs .

One can claim 80% depreciation on the investment in Solar Products. (Pl. Check current provisions)

And most importantly, one is working for a noble cause to "Go Green" & save earth for future generations.

Popular Configurations

Config	Load
5 kva / 72 V/ 2.52 KWp	3 / 4 Nozzles
5 kva / 98 V/ 3.36 KWp	3 / 4 Nozzles
6 kva/ 98 V/ 3.36 KWp	4 / 5 Nozzles
6 Kva/ 120 V/ 4.2 KWP	4 / 5 Nozzles
8 Kva / 120 V/ 5.6 KWp	5 / 7 Nozzles

+ 500 Watt Lighting Load for 6 Hrs
Config may change based on specific needs

Post Installation Service

Since Solar is a relatively new technology in this part of the country hence a reliable & long standing party is required to provide Post Installation Support in case of any unforeseen breakdown.

About B.Algo Solar

Business Algorithms P. Ltd, popularly known by trade name B.Algo is 27 Yrs old company incorporated under companies act. B.Algo has been one of the leading and oldest player in I.T. Business in central India. We are also distributors for Microtek Inverters for Vidarbha & Marathwada since last 11 yrs. We are authorised channel partner for Waaree Energies Ltd for their Solar Panels, dealer for Emerson & Swastik for Solar Generator and are also Proinso Network Partner.

B.Algo has a team of company trained technicians for installation as well as post installation service. B.Algo's staff is trained by SMA Solar Academy. They are also execution partner for Warree Mumbai , Kirloskar Pune, Power One Bangalore & many other companies for kilowatt projects and have over 250 KW+ installations to our credit.

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Captive Power Projects



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