

Sky Fuel is FREE

Go for

Solar Generator



- Independent of Grid Power
- Free Power During day time
- Pump can be changed over to grid in night
- No battery - no maintenance
- Saves fuel & maintenance cost of your D.G.
- Life of 20 to 25 yrs
- Accelerated depreciation of 80%

Most Suitable for

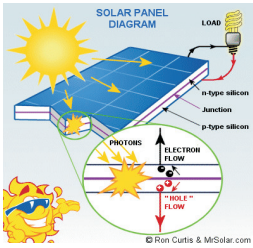
- Irrigation Pumps
- Dairy / Ship / Poultry Farms
- Flat Schemes / Apartments
- Waste Water Treatment
- Parks / Resorts / Hotels

For all your pumping applications

**Get appropriate
Solar Power Solutions from us.**

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

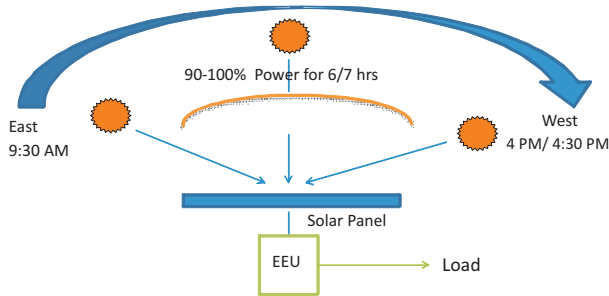
How Solar Works ..



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.

Limitations of Solar Power :



Sun is not stationary & keeps moving from East to West through the day. You may get bright light early morning but it is a reflected light. Angle of inclination of sun with respect to solar panel is very important in solar system. There is not much direct sun rays / radiations falling on solar panels & hence not much power can be generated in early morning as well as in late after noon hrs,

There are 2 major components in Solar Pump Controller.

1. Solar Panels
2. Solar Pump Controller / Inverter

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.

Pump Controller :

AC motors take abt 4 times starting current than running current. Stand alone system with only Solar Panels cannot provide this

power and hence the inverter for 3 ph pumps has built in VFD thus makes your present 3 Ph AC pump setup to work on Solar.

Pump starts working as early as 9 AM & functions till 5 PM but gives maximum water delivery between 10 AM to 4 PM.

How It is useful ...

The system works independent of grid power during day time. In case of heavy Load Shedding, one can save on the cost of diesel for the DG set required to run the pump. It is free from recurring fuel cost, maintenance problems, noise and is totally environment friendly.

Even 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. (PI check current provisions)

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

Popular Models

Pump Capacity	Solar Panels Required
1 HP / 3 Ph AC	1000 Watts
2 HP / 3 Ph AC	2200 Watts
3 HP / 3 Ph AC	3000 Watts
5 HP / 3 Ph AC	5400 Watts
7.5 HP / 3 Ph AC	7500 Watts
10 HP / 3 Ph AC	10,000 Watts

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 which is must to attend to any complaint in case of 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 etc for Solar Generator and are also Proinso Network Partner.

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

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Captive Power Projects



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