



SOLAR WAVE



An ECO revolution that changes the way you think of solar energy at your door step

★Patent pending

- ❖ 100% power supplied by solar energy at a very low cost.
- ❖ A new concept different from the ones existing in market.
- ❖ Up to 15 years life time.
- ❖ Very low cost.
- ❖ Package includes all lights, fans, mobile cum gadget charger, table lamp and etc.



INTRODUCTION

The system uses sophisticated, rugged, field proven technology to save Power upto 90% comparing to existing ones.

The system comes with luminaries, fans, intelligent charge controller cum monitor, battery and solar panel.

It works entirely on D.C Power system, so that existing A.C. electrical Wiring is not disturbed. Also no wastage of power in charging and conversion from D.C to A.C. The unique technology saves power upto 90%, so that you get 250W equivalent system at the cost of 40W system.



FEATURES

Entire range of lights and fans works in D.C making it very efficient.

The luminaries comes in 4', 2', 1' tubes and CFL forms but made of LEDs, So it uses very low power and has a very long life.

Fans are D.C. operated and made specially for the application.



Has a separate D.C. bus, does not interfere with existing A.C. wiring. So at the time of installation no alteration is done to existing wiring.

Solar charge controller with monitor and meter uses state of the art DSP Technology to monitor, control and display all functions. On board LCD display indicates current power used, number of hours backup available, battery level, total run hours, total units of power saved and etc.



Anytime someone switches on a load, the unit automatically indicates how many more hours the unit will have backup power.

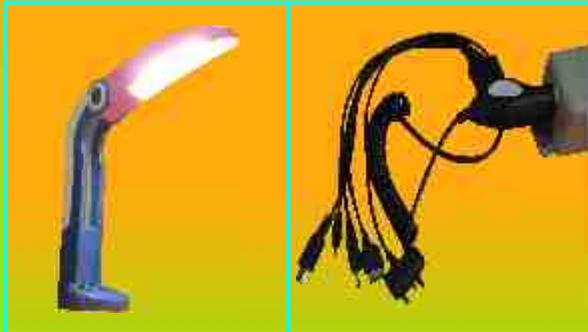
Inbuilt safety for overload and over voltage conditions.

Inbuilt optional day/Night operation.

When solar power is available, the system directly runs the load from solar power and runs from battery when there is no solar power. Also it is intelligently shared at the time of requirement.

Backup to all lights and fans upto 24/7 as per your requirement and usage.

Very high efficiency, so very small sized panel, battery and enclosure, all fit into 1' by 1' area.



Comes with optional D.C. attachments such as table lamps, mobile cum gadget charger, laptop or T.V. adaptor and etc.

The high efficiency of the system makes it low cost and very affordable.

WHO AND WHERE

Homes

Makes it ideal to use as an alternate power supply in case of power failure and or to save on electricity consumption.

Farms and Farm Houses

For the remote places, where there is no electricity connection or with frequent power cuts.

Offices and Factories

Street lighting and night lighting makes it an ideal choice.

Hospital and emergency areas

Solar power is very ideal in emergency lighting requirement as it consumes low energy and does not depend on electrical grid.

Defence and Mobile Application

Small size, reliability, versatility of giving all information on how much backup is available, how much energy spent etc makes it an ideal choice.



COMPARISONS

Other Products

1. Uses UPS and wastes lots of energy.
2. Uses very big solar panels covers almost entire roof space.
3. Life of the system is around one to two years.
4. Uses big bulk batteries.
5. Costs prohibitively high.
6. Most of the time only used as emergency power not saving on electricity.
7. Consumes electricity to charge battery in the absence of solar energy.

Solar Wave

- ❖ No UPS used thus saving energy upto 40% more.
- ❖ Solar panel system is almost 10 times smaller, can even be fit on a window shade.
- ❖ Life of the system is around fifteen years.
- ❖ Uses much smaller battery.
- ❖ At a very low cost.
- ❖ Used as an alternate power source, thus reducing electricity bills upto 80%.
- ❖ Saves and holds reserved power in the absence of solar energy.

- ❖ All solar wave, Luminaires and solar Charge Controller patent pending.

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