

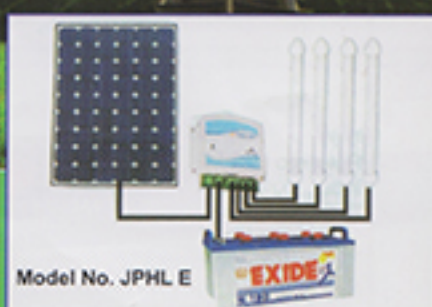


एन. एस. आई. सी.  
**NSIC**  
ISO 9001 : 2008



ISO : 9001 : 2008 Certified Company

**SURE POWER™**



Gate Lamp



LED Driver



LED Tube Lights



High Bay Lights



Street Lights

# JADHAV POWERTECH

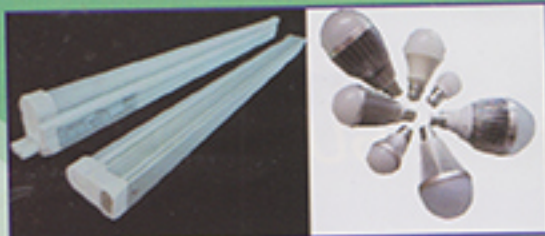
Mfgs. of : Solar Energy Products & LED Indoor / Outdoor Lighting

3, Sai-Shree Industrial Estate, Plot No. 8, Survey No. 82/1, Ambad, Nashik - 422 010.

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### LED TUBE LIGHTS & BULBS

3w to 20w AC  
Also Available DC (3W,6W,9W,12W)  
110v to 265v Ac  
Compact Design  
Less Power Consumption  
Low Maintenance



### LED STREET LIGHTS

Available in 9 w to 150 w  
Constant current o/p  
Low Maintenance  
Longer Life Span



### HIGHBAY LIGHTS

30, 50, 100 Watts  
230 Ac i/p 50 Hz  
Power Factor - >0.95%  
Low Power Consumption  
Low Maintenance  
LED Mean well Driver



### FLOOD LIGHTS

10w to 150w  
230Ac i/p 50 Hz  
Power factors - > 0.95%  
Low Power Consumption  
LED Mean Well Driver



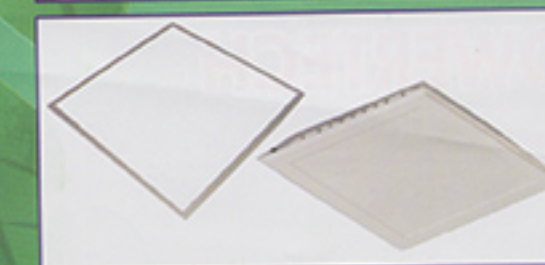
### INDUSTRIAL TUBE LIGHTS

Available Wattage - 50w  
110v to 265v Ac  
Compact Design  
Less Power Consumption  
Low Maintenance



### FLAMPROOF LIGHT

20w to 50w  
110v to 265v Ac  
Compact Design  
Less Power Consumption  
Low Maintenance



### 2 X 2 PANEL LIGHT

50w  
110v to 265v Ac  
Compact Design  
Less Power Consumption  
Low Maintenance



## SOLAR POWER SOLUTIONS FOR PETROL PUMPS



Our solar power solution serves as an excellent solution for Petrol Pumps level electrification due to extremely remote location of petrol Pumps where grid electricity is available for few hours or not available at all. We install solar power panels to provide enough power that helps in efficiently operating fuel guns and office equipment. These panels support multiple fuel gun operation and switch automatically and spontaneously between the grids causing no harm to client. It is more advantageous than diesel generator. Use of solar energy in petrol pumps has proven to offer reliable operations of dispensing units even in load shedding hours. The dispensing units last long as the solar system provides superior power quality.

### SPECIFICATION:

- Solar Modules 0.5 KWp to 20 KWp
- Batteries 12V Lead acid
- Power conditioning Unit 0.5 KVA to 20 KVA
- Mounting Structure MS Painted/ Galvanized (hot dipped)

### ADVANTAGES:

- Can be used on pre installed inverters
- Economic, Smaller, hybrid systems with battery banks
- Best solution for places with DG usage of more than 8 hrs
- Saves on monthly expenditure on consumption of diesel used in DG sets
- Uninterrupted power supply
- No voltage fluctuations
- Can work in synchronization with Grid & DG sets
- Really long life ( Solar panels - 25 yrs; Electronic devices - 10yrs)
- Zero maintenance
- Easily expandable at minimal costs
- Income tax benefits

## SOLAR POWER SOLUTIONS FOR INSTITUTE / HOMES



We have some very unique products that cater to the power needs of any household. We use highly advanced sensing communication and control technology to generate, manage, distribute and utilize electricity at the local distribution level more intelligently and effectively.

These systems generate and store electricity for operating electrical equipment such as Lights, Fans, TV, Water pumps, refrigerators, Air conditioners, Air coolers etc during day as well as during night time. These solar solutions are robustly constructed and provide good electricity without voltage fluctuation. It is reliable, easy to install, independent and cost effective solution with very low maintenance cost.

Our solar power solution serves as an excellent solution for household level electrification in area where grid electricity is available for few hours or not available at all. It harnesses the power from the sun and provides electricity at reasonable cost. These systems support multiple operation and switch automatically between the grids and solar providing uninterrupted power supply to the household.

We have special systems for Households which already have installed Inverters & batteries. We can club these Inverter and batteries with our solar Panels and other electronics to generate power, this kind of combination reduces the cost of the solar power plant as the Inverter and batteries are already present. Solar power if used with LED lighting in houses shows fantastic results as these lights use less power and hence lesser investment on Solar

### ADVANTAGES:

- Can be used on pre installed inverters
- Economic, Smaller, hybrid systems with battery banks
- Best solution for places with grid supply of less than 16 hrs
- Heat dissipation as solar modules can be installed on roof tops
- Uninterrupted power supply
- No voltage fluctuations
- Really long life ( Solar panels - 25 yrs; Electronic devices - 10yrs)
- Zero maintenance
- Easily expandable at minimal costs
- Saves on monthly expenditure on consumption of diesel used in DG sets

### SPECIFICATION:

- Solar Modules 0.5 KWp to 20 KWp
- Batteries 12V Lead acid
- Power conditioning Unit 0.5 KVA to 20 KVA
- Mounting Structure MS Painted/ Galvanized (hot dipped)



## SOLAR WATER PUMP

### FEATURES

- Ability to operate both solar and electricity (Day & Night)
- Galvanised body for robustness and long life
- Able to pump water depth up to 500 ft
- Operates even in cloudy environment

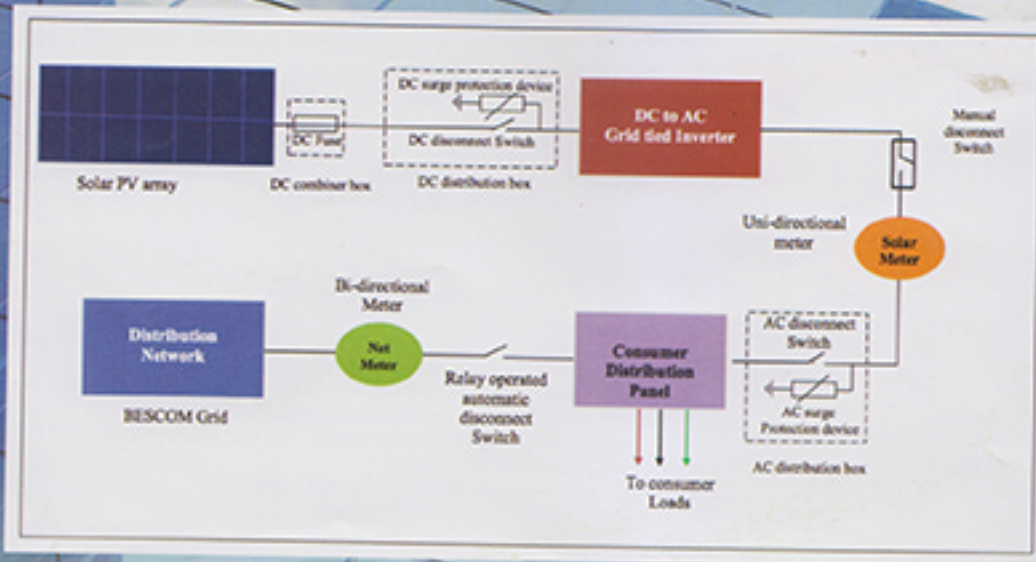
### APPLICATION

- Drip Irrigation
- Drinking Water for societies & Village
- Agriculture
- Poly House

Solar park also available in Institution, Farm House, Malls, Banks, Poly House, Industries up to 50 Kw

# ON-GRID SOLAR SYSTEM

(Solar Product)



"ON GRID or Grid-connected": systems are the systems that are connected to the utility grid through a special inverter. These systems are more prevalent in "Free-in-Tariff" Applications. These systems could be either be Roof Top mounted or Free Field Installation based on the size and capacity.

On grid solar energy is by far the cheapest from when compared to off grid solar energy. By generating your own electricity you reduce your electrical bill and in some cases may generate money by running the meter backwards (net metering). Usually you can achieve net metering during the day when all your appliances are off. This net metering or extra power is sold to the utility company through a program offered that you must sign up for. Also green power is handy during power failures so long as you have sunlight for your on grid solar system. A major benefit of these systems include the ability to be expanded as Finances allow, they work against global warming on your own personal level, reduced Electrical bills, security with backup systems, and remote availability of electricity.

## COMPONENT OF THE ON GRID SYSTEM

- Solar Panel
- Solar On-Grid Inverter
- Monitoring Systems
- Mounting Structure
- PV Array Boxes
- Cable and Accessories

## KEY BENEFITS

- Silent Non Polluting & Renewable
- Can be installed & expanded easily
- Extremely reliable with minimal maintenance.
- Good saving in electricity bill.
- Can be expandable any time.
- Income Tax benefits.

OUR ON GRID SYSTEMS RANGES FROM 1 KW TO 500 KW.  
SOLAR PV PLANT

## Other Products

Servo Voltage Stabilizer, Static Inverter, Online UPS, Lift Inverter, Solar Management Unit, 3 Phase Inverter. Solar Inverter up to 50KW & Solar Grid Inverter, Solar Lantern, Solar Home Lighting, Solar Street Light, Soar Garden Light, Solar Integrated Area Light, LED Drivers



# Solar Product - 1

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**SURE POWER**

## Solar Lanten



System Wattage - 3w, 7w  
Solar Panel - 3w / 10w  
SMF Battery : 4.5Ah / 6v, 7.5Ah 12v  
Mobile Charging - 5 in 1 pin  
Charging Mode - Mains cum solar.

3W Inbuilt LED Lamp  
Torch  
Mobile Charging - 5 in 1 Pin  
Battery : 6V - 4.5 Ah  
Solar Panel : 3W



3W Inbuilt LED Lamp  
Tube light 3w - 1 No.  
Torch  
Mobile Charging - 5 in 1 Pin  
Battery : 6V / 4.5 Ah  
Solar Panel : 3W / 5W

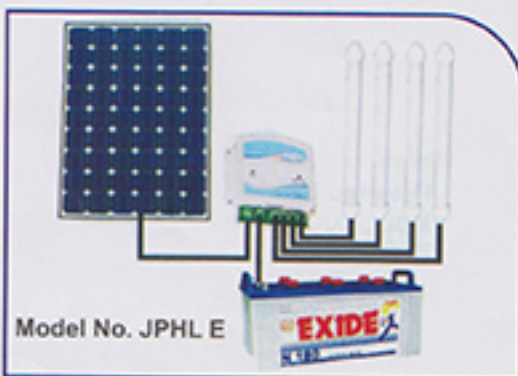
3W Inbuilt LED Lamp  
Tube light 3w- 2 no  
Torch  
Mobile Charging - 5 in 1 Pin  
Battery : 6V - 4.5Ah x 2  
Solar Panel : 10W  
Charging Mode - Solar Cum Mains



Tube light 3w- 4 no  
Torch  
Mobile Charging - 5 in 1 Pin  
Battery : 12V / 7.5 Ah  
Solar Panel : 15W  
D.C. Fan ( Optional)  
3w inbuilt LED Lamp  
Charging Mode - Solar Cum Mains

**SURE POWER™**

Li-Ion Battery 11.1v / 5200mAh  
 Solar Panel - 10w  
 D.C. Tube Light - 3w (3 Nos.)  
 Charging Mode - Solar Cum Mains  
 Mobile Charging - 5 in 1 pin



Model No. JPHL E

Solar Panel - 40 / 75w  
 Battery - 12v - 40Ah / 75Ah  
 D.C. Tube Light - 9w (4 Nos.)  
 Solar Charge Controller  
 Safe & easy install  
 Available in different modules  
 Free from noise, smoke & pollution  
 Highly advance charge controller  
 Adequate protection



Output Type : Logic  
 Package / Case : Module  
 Sensing Distance : 240" (6.096m) 20'  
 Sensor Type : Motion, Pyroelectric,  
 PIR (Passive Infrared)  
 Trigger Type : Internal  
 Voltage - Supply : 3 V ~ 6 V

**Application :** Emergency Light for Home, Camp, Villages, Hospitals, Hotels.

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## SOLAR PRODUCTS - 2

# SURE POWER™

### SOLAR STREET LIGHT

9w, 12w, 18w  
 Solar Panel - 40w , 75w  
 Battery : 12v-40Ah / 12v - 75Ah  
 Pole Size : 15 ft / 3 Inch.  
 Inbuilt Solar Charge Controller Circuit  
 Battery Box  
 Dusk to Dawn Operation



### SOLAR GARDEN LIGHT

Better illumination Capacity  
 Low absorption or retention Value  
 Environment Friendly  
 Simple Installation  
 Automatic dusk to dawn operation  
 Attractive design

### SOLAR HOARDING

Operating on 180~260v Ac/ 12v Dc  
 More Intensity of light at less power.  
 Very low self consumption  
 Available in 30,50 watts



**SOLAR PANEL**

Available in 3w to 290w  
Easy to install  
Long life span  
High Efficiency

**SOLAR CHARGE CONTROLLER**

12v Dc operating Voltage  
Available in 5A, 10A  
Compact Size  
Dusk to dawn operation

**SOLAR LED TORCH**

Li-ion Battery  
Higher Lumeance Power  
Compact Size  
Charging Mode - Solar Cum Main  
Mobile Charging - 5 in 1 Pin

**SOLAR INSECT KILLER**

Solar panel - 10W / 20W polycrystalline panel  
Pole height - 5 feet made of galvanized steel  
Battery - 12 AH, 18AH, SMF battery  
Light power - ultra violet LEDs lights to attract  
Maximum no. of insects.



**Application :** Gardens, Farm House, Halls, Malls, Hotel.

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