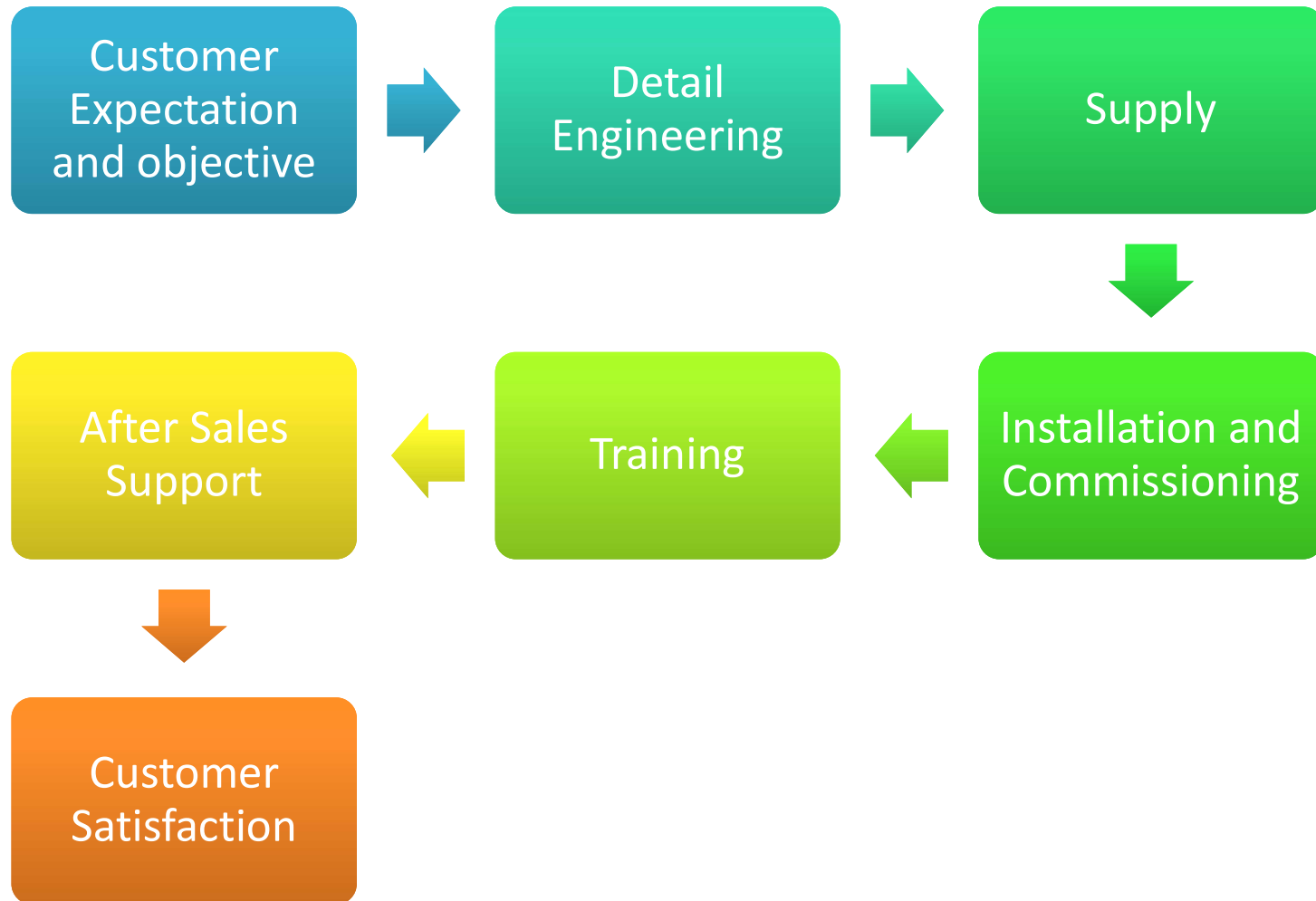


i3BI Energy (OPC) Pvt. Ltd.



Shine world with Renewable Energy

## Continuous Process of Customer Satisfaction



## **i3BI Provides**

- **Solar Off Grid System**
- **Solar ON Grid System**
- **Solar Water Heater**
- **Solar Street Lights**
- **Solar Water Pumping System**
- **Solar Home lighting System**
- **Solar Lantern**
- **Solar Deep Freezer**
- **Batteries**
- **Inverter**
- **Controller**

## PV Modules

### **Navisol 60 Cell Series**

#### **MULTI CRYSTALLINE MODULE**

NS 250P – 280P | 250 ~ 280 Watt

Our signature product, the NAVISOL 60 Cell, is the most versatile module. While compact enough to fit on residential and commercial roofs, it is still economical enough to meet the needs of larger, utility-scale projects. This series is IEC certified which is universally recognized and respected throughout the solar industry.



### **Navisol 72 Cell Series**

#### **MULTI CRYSTALLINE MODULE**

NS 300P – 335P | 300 ~ 335 Watt

Our signature product, the NAVISOL 72 Cell module is the ideal solution for rooftop as well as ground mount installations to meet the needs of larger, utility-scale projects. This series is IEC certified which is universally recognized and respected throughout the solar industry.



## PV Modules

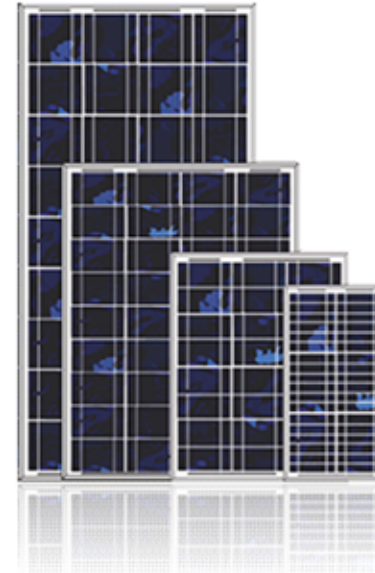
### Anora Series

18 / 36 / 48 / 54 / 60 / 72 Cell Module

#### **MULTI CRYSTALLINE MODULE**

Ns 3P 220P | 3 ~ 220 Watt

ANORA SERIES wherein you get a wide range of panels which can be used for the manufacturing of products to meet your off-grid power requirements like street light, water pumps, home lighting, Electric vehicle charging station etc.



### Sapphire Series

#### **BUILDING INTEGRATED PHOTOVOLTAIC MODULE**

We design and manufacture the new revolutionary architectural solar photovoltaic glass (BIPV). The Solar Photo Voltaic glass - glass panels are integrated into building design. Customisable in respect of thickness, color, transparency, and size.



# Solar Inverter



Kaco ongrid inverter



Polycab ongrid inverter



Refusol Solar inverter



Fronius inverter



Microtek inverter



Sukam inverter

## Solar Batteries



Eastman batteries



Quanta Batteries



Sukam Batteries






Following types of batteries we provide in solar electric and backup power systems

- Lead acid
- Lithium
- NICAD (Nickel Cadmium)
- NIFE (Nickel Iron)

# Solar Off Grid Systems

## SOLAR OFF GRID SYSTEM



-  Solar Panels convert the solar energy into DC electricity
-  Charge Controller: Regulates the charge of solar electricity into the batteries
-  Deep cycle Batteries: Stores solar electricity for later use
-  Inverter/Charger: Convert DC electricity into AC electricity same quality as the utility electricity and regulates the AC charge to the batteries from the utility or generator source
-  Loads: Powered by Solar Energy



- Solar panels comes in vivid sizes and wattages which makes it a preferred choice for the manufacturing of various off grid solar products which run on solar energy which can be used in the daily requirements.
- These off grid products such as solar street lights, solar home lighting kits, solar water heaters, solar chargers, solar cooker etc are a boon to those living in remote villages and areas which lack the grid connectivity and therefore live in dark.



## Solar ON Grid Systems

With state governments coming up their Solar Rooftop Policies, converting your rooftop into solar has become an easy solution to cut down on your electricity bills as well as to generate income from the excess of electricity produced.

With the net metering policy, you can install a solar system on your rooftop and consume electricity generate from it for your requirement and use electricity supplied from the grid for only the balance requirement. Also there can be times when the electricity generated from the system is in excess of your requirement. The same can be fetched into the grid which will be shown as a credit to you in your electricity bill. Also tax benefits such as 80% tax depreciation, 10 years tax holidays, subsidies in certain cases has helped to reduce your installation cost and give you an attractive ROI as high as 30%.

In the times where electricity rates have been on all time high and ever increasing, this is the optimum solution to fix your electricity rate by going solar.

i3BI Solar shall help you to convert your rooftop into solar and start with your savings. All you have to do is fill the below mentioned questionnaire and our team shall get back to you soon.



## Solar Water Heater

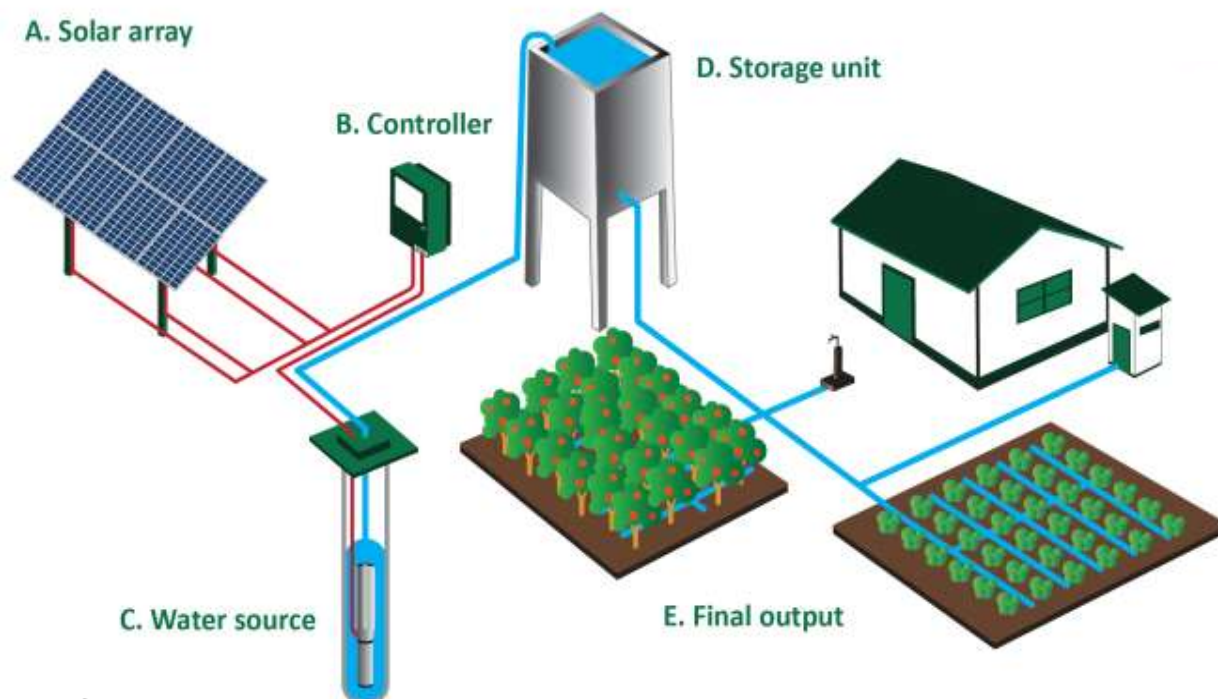
Solar Hot Water Systems provide you with an efficient solution for hot water in your home / Society / Industry to save your money and reduce your greenhouse gas emissions

### Why Solar Water Heater

- It's from the sun and it's free
- Reduce your hot water power bill by up to 70%
- Up to 90% of the system cost can be recovered in rebates
- Reduce your Carbon Footprint by up to 3 tons per year
- The equivalent of planting 200 trees or taking a small car off the road each year



# Solar Water Pumping System



## Application

- Irrigation of land
- Domestic water supply
- Fish farming
- Water for Livestock
- Solar powered fountains

## Benefits

- No fuel cost & Electricity- as it uses available free sun light
- Long operating life, Highly reliable and durable
- Easy to operate and maintain
- Pumping of water in for irrigation for drinking water supply in off grid areas.
- Farmer can cultivate multiple crops through out the year in off grid areas
- Women in rural areas can save their time spent in collecting and transporting water.
- Zero emission of green house gases.
- Reduced load on national grid

## Solar Home Lighting System



Solar home lighting system provide the power supply to those areas where power supply is not available or is available hardly. We offer these products at affordable prices. Client's can choose from the various models. Different home appliances like lamps, DC fans and others are supplied according to the client's requirement

## Solar Street Lighting System



Solar street lights are raised light sources which are powered by photovoltaic panels generally mounted on the lighting structure or integrated in the pole itself. The photovoltaic panels charge a rechargeable battery, which powers a fluorescent or LED lamp during the night.

Due to off-grid nature of solar street lights, solar street lights incur minimal operational costs. Such lights are wireless in nature and are independent of the utility company. Compared to conventional street lights, solar street lights require almost zero maintenance. Due to the absence of external wires, these lights do not pose any threat of accidents like electrocution, strangulation and overheating. Infact, solar lights illuminate the streets throughout the night irrespective of power cuts and grid failures.

## Solar lantern



Solar lanterns could replace kerosene lighting and candles, which is still used by an estimated 500 million households. The emissions of kerosene lights contribute to global warming and to severe indoor air pollution. Moreover, kerosene lamps typically provide low-quality lighting, at around 10 lumens, while for example a standard LED lamp provides around 500 lumens. On the other hand, solar lanterns only provide minimal access to energy: they can't power radios, TVs, fridges, or other appliances people may aspire to own as they become wealthier. Main advantage it is portable.

## Solar deep freezer



- **Truly off-grid:** The solar freezer runs 24×7 on solar power with the use of an appropriate battery and is designed for overnight cooling.
- **Uses :** Specially designed for storage of life-saving vaccines, drugs and insulin.
- **Versatile:** Also used by fisheries, vendors and various cooling and freezing purposes.
- **Mobile :** The solar freezer is mobile and can be mounted on luxury buses, boats, vans (mobile clinics), e-rickshaws (vendors) and much more.

### MAIN Features:

- Most Efficient Freezer in its size. Uses 65/95W DC compressor
- Easy to move roller legs
- Energy saving, energy Efficient
- Excellent Temperature Control
- Uses CFC Free Refrigerant (Environmental Friendly, low global warming impact and ozone depletion potential).
- Reserve Cooling Capacity
- Digital Feather Touch Display with 5V USB charging port
- Rugged Construction
- Inside light, lock & key, solar charge controller and adapter included

## 3wp Panel | 4.5ah battery | 3w Low Mode | 5w High mode



- ↗ Working 8 to 12 Hrs daily.
- ↗ Auto On / Off , Dusk to dawn.
- ↗ Smart Phone Charging 24 x 7.
- ↗ 365 Days working.
- ↗ Covers 10 x10 Sq.ft area

**Model No. QSR\_INFINITE 1**



**Sales Inquiry**

**9821304172 / 8169529748**

# INFINITE 1

[i3biltd@gmail.com](mailto:i3biltd@gmail.com) / [kishor@i3bienergy.com](mailto:kishor@i3bienergy.com)

[www.i3bienergy.com](http://www.i3bienergy.com)



## 3wp Panel | 4.5ah battery | 3w Low Mode | 5w High mode



**INFINITE-2**

- ↗ Working 8 to 12 Hrs daily.
- ↗ Auto On / Off , Dusk to dawn.
- ↗ Smart Phone Charging 24 x 7.
- ↗ 365 Days working.
- ↗ Covers 10 x10 Sq.ft area

**Model No. QSR\_INFINITE 2**



**Sales Inquiry**

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## Solar Torch

**3wp Panel | Solar Lithium Ion battery | 1W LED**



**TORCH-1**

- ↗ 8 hours backup
- ↗ Rigid
- ↗ Diffused and Spotted
- ↗ Available with lens

**Model No. QSR\_QST1**



**Sales Inquiry**

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## Solar Torch

**2wp Panel | Solar Lithium Ion battery | 1W LED**



**TORCH-2**

- ↗ 8 hours backup
- ↗ Rigid
- ↗ Diffused and Spotted
- ↗ Available with lens

**Model No. QSR\_QST2**



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# Solar Street Light – QSR\_SSL\_01

5 WATT Panel / 6V 4.5 Ah Battery / 48 Led Lights



SSL - 01

- ↗ Working 12 Hrs daily
- ↗ Auto on / off, dusk to dawn
- ↗ All Protections
- ↗ 365 Days working
- ↗ Cover area 100 sq. ft.

Model No. QSR\_SSL\_01



Sales Inquiry

8390370925 7769941114 / 8999127006

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## Solar Led Light – QSR\_SSL\_02

5wp Panel | 4.5ah x 2 Bat | 5w 58 Led Light | ABS fixture | CC



SSL - 02

- ↗ Working 8 to 12 Hrs daily.
- ↗ Auto On / Off , Dusk to down.
- ↗ All Protections
- ↗ 365 Days working.
- ↗ Covers 10 x10 Sq.ft area

Model No. QSR\_SSL\_02



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Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

# Solar Led Light – QSR\_SSL\_03

5wp Panel | 9ah Bat | 70 Led Light | ABS fixture | CC



- ↗ Working 8 to 12 Hrs daily.
- ↗ Auto On / Off , Dusk to down.
- ↗ All Protections
- ↗ 365 Days working.
- ↗ Covers 20 x20 Sq.ft area

Model No. QSR\_SSL\_03



Sales Inquiry

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SSL - 03

Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

# Solar Led Light – QSR\_SSL\_04

12wp Panel | 13ah Bat | 176 Led Light | ABS fixture | CC



SSL - 04

- ↗ Working 8 to 12 Hrs daily.
- ↗ Auto On / Off , Dusk to down.
- ↗ All Protections
- ↗ 365 Days working.
- ↗ Covers 20 x20 Sq.ft area

Model No. QSR\_SSL\_04



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Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

# Solar Led Light – QSR\_SSL\_05

24wp Panel | 26ah Bat | 352 Led Light | ABS fixture | CC



SSL - 05

- ↗ Working 8 to 12 Hrs daily.
- ↗ Auto On / Off , Dusk to dawn.
- ↗ All Protections
- ↗ 365 Days working.
- ↗ Covers 20 x20 Sq.ft area

Model No. QSR\_SSL\_05



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Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns



## 9w Solar Light (Single unit)

40wp solar panel | 26ah battery | light fixture | pole attachment



Production image

↗ Working 10 to 12 Hours daily  
↗ Dusk to down , All protection

Model No. QSR\_SSL\_EX\_01



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Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

## 12w Solar Light (Single unit)

75wp solar panel | 42ah battery | light fixture | pole attachment



Production image

- ↗ Working 10 to 12 Hours daily
- ↗ Dusk to down , All protection

Model No. QSR\_SSL\_EX\_02



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Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

## 15w Solar Light (Single unit)

75wp solar panel | 42ah battery | light fixture | pole attachment



Production image

- ↗ Working 10 to 12 Hours daily
- ↗ Dusk to down , All protection

Model No. QSR\_SSL\_EX\_03



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Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

## 18w Solar Light (Single unit)

100wp solar panel | 60ah battery | light fixture | pole attachment



Production image

- ↗ Working 10 to 12 Hours daily
- ↗ Dusk to down , All protection

Model No. QSR\_SSL\_EX\_04



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## Solar Home Light System

20wp Panel | 7.5ah battery | Tube light x 1 or Fan x 1 | C.C

- ↗ Working 4 to 6 Hrs daily ,
- ↗ Auto Switching ,
- ↗ All protections / Dusk to down ,
- ↗ 365 Days working ,

Model No. QSR\_HLS\_01



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## Home Light System

Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

## Solar Home Light System

40wp Panel | 15ah battery | 3w light x 4 | Fan x 1 | C.C



- ↗ Working 6 to 8 Hrs daily ,
- ↗ Auto Switching ,
- ↗ All protections / Dusk to down ,
- ↗ 365 Days working ,

Model No. QSR\_HLS\_02



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## Home Light System

Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns

# Solar Home Light System

**75wp Panel | 26ah battery | Tube light x 4 | Fan x 2 | C.C**

- ↗ Working 7 to 10 Hrs daily ,
- ↗ Auto Switching ,
- ↗ All protections / Dusk to down ,
- ↗ 365 Days working ,

**Model No. QSR\_HLS\_03**



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## Home Light System

**Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns**

# Solar Home Light System

100wp Panel | 42ah battery | Led Bulb x 6 | TV x 1 | C.C

- ↗ Lights working 6 to 8 Hrs daily ,
- ↗ Auto Switching ,
- ↗ All protections / Dusk to down ,
- ↗ 365 Days working ,

Model No. QSR\_HLS\_07



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## Home Light System

Also deals in Solar Power System 1kW to 500kW , Street Lights , Lanterns





**For More Details , Kindly contact :**  
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