

King Sun

An ISO 9001:2008
Certified
Approved by MNRE

One of the leading solar products
manufactureR and supplier company

Introduction

- Bhambri Enterprises is a pioneer in the solar industry. It designs, manufactures and sells portable off grid solar power products, solar power plants, solar water heater for retail institutional & OEM markets.
- Our mission is to empower people by bringing power to millions and making them self reliant
- King sun solar products line have unparalleled reliability, ease of installations and use.
- Backed with a proud leading service standards, it has lakhs of satisfied customers in India.

WHO WE ARE?

No. of franchisee: 4

No. of Dealers: 55

No. of Satisfied clients: 93.7%

Major Markets: Indian Subcontinent, south/west Africa

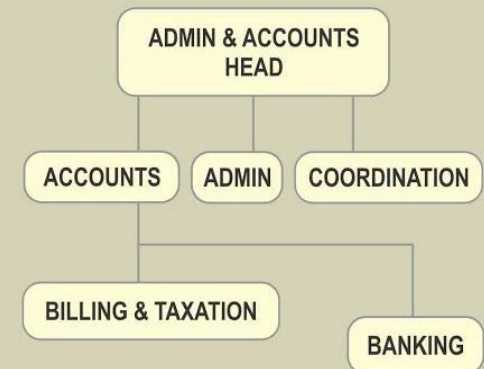
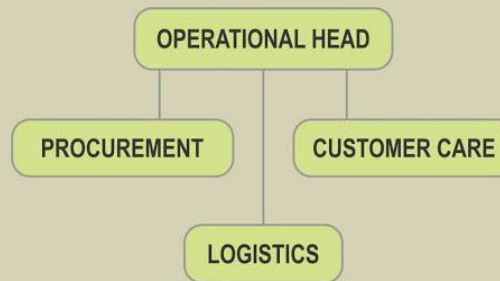
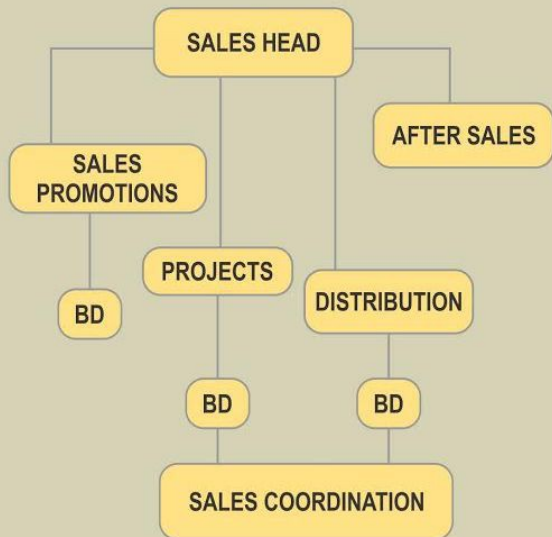
- An **ISO 9001:2008 certified company**; a nationwide dealer network & satisfied customers in Govt., Semi-Govt., Indian Defence & private sectors.
- "King Sun" Solar Water Heaters and Home lighting Systems are also recognized and approved by "The Ministry of New & Renewable Energy Sources" (MNRE).
- Situated in New Delhi, our inception began in the year 2003 and today we have established our presence across the globe.
- **Our Purpose: To Empower our customers in living a bright and transformed Life.**
- We manufacture the following range of products:
 - **SOLAR LANTERNS**
 - **SOLAR TUBE LIGHTS & BULBS**
 - **SOLAR COOKER**
 - **SOLAR HOME LIGHTING SYSTEM**
 - **SOLAR POWER PLANT**
 - **SOLAR WATER HEATER**

Earned the trust of people in all sectors

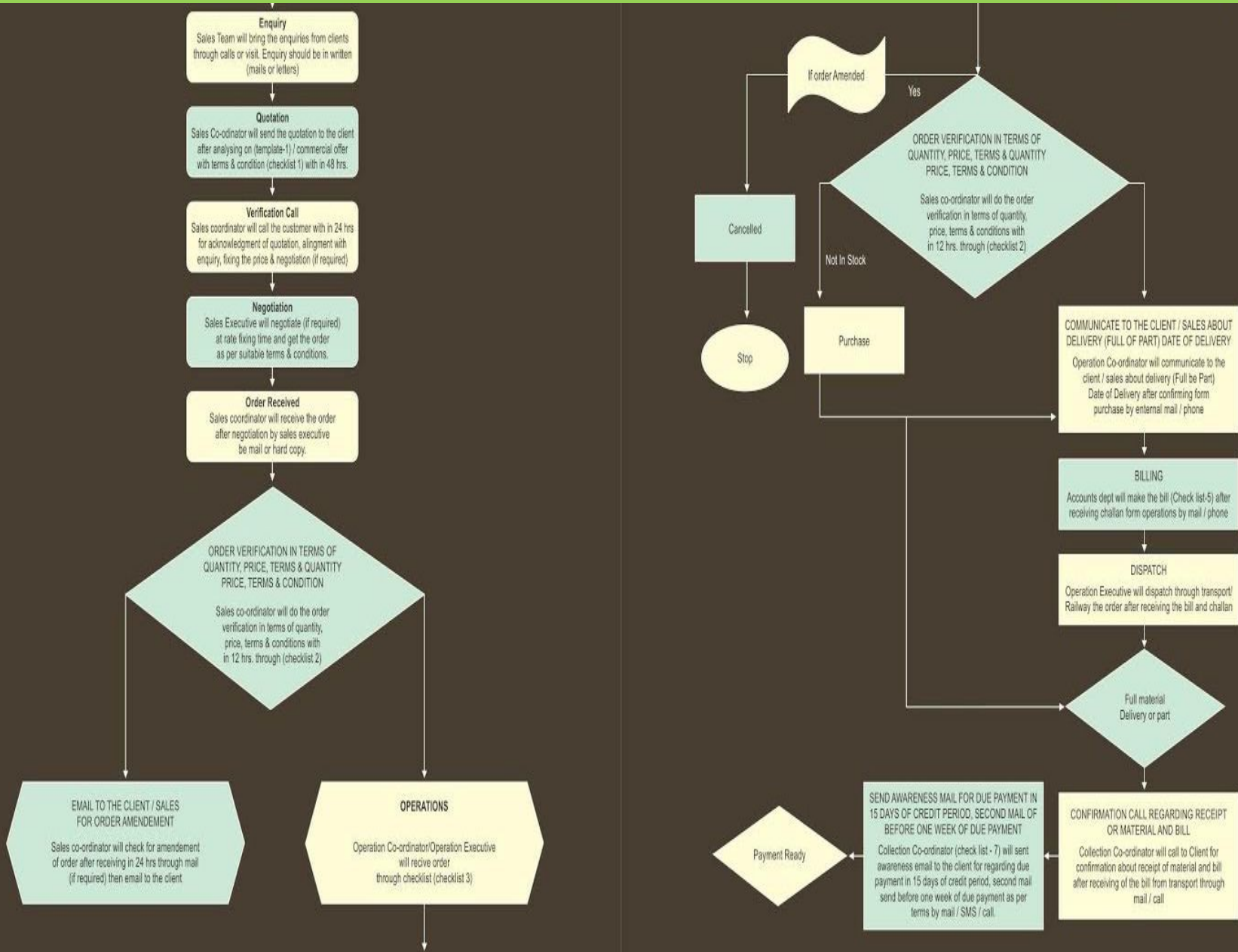
- Built brand 'kingsun' for solar products.
- **Govt**-Indian Railways,Defence,Ircon International,NDMC,State and nodal agencies.
- **Semi Govt** -PSU's,Wapco,Power grid ,Gail
- **Institutes**-St.Columbus School,CSKM School,Hansraj College,DAV School,Bal Bhawn School,Bharti Vidya peeth Engineering College,Institute of Human Behaviour and allied sciences,Sanskriti School,Bhawan Sawan Public School,Convent of Jesus Marry school,Sanskriti University
- **Hospitals**-Asian Hospital,Metro Hospital,Jeevan Mala Hospital,Jeevan Anmol Hospital,Delhi ENT Hospital,Charak Palika ,NDMC hospital.
- **Hotels**-Qutub Hotel,Banga Bhawan ,Ambience Hotel,
- **Corporates**-Coke Lanco,Reliance,Airtel,Muthoot,Finance,Ultra tech cement.
- **Group Housing Societies**-Tip Top,Maxworth,New Paradise,Bimla Co-operative,Premium Urban.

ORGANISATIONAL CHART

CEO



FLOW CHARTS



What people say about us



हंसराज महाविद्यालय HANS RAJ COLLEGE

विश्वी विश्वविद्यालय
बहावा इलाहाबाद कॉलेज रोड, दिल्ली-110007
UNIVERSITY OF DELHI
HANSRAJ COLLEGE MARG, DELHI-110007

5.4.2014

TO WHOM IT MAY CONCERN

The work assigned for the repair of Solar Water Heater system installed in the College hostel and AMC of this system given to M/s. Bhambr Enterprises, 794, Main Joshi Road, Karol Bagh, New Delhi was satisfactory.

Dr. Bijendra Singh
Warden
M.R.C. Hostel, Delhi

NORTHERN RAILWAY

TO WHOM IT MAY CONCERN

M/S Bhambr Enterprises, New Delhi has successfully completed the work for Provision of Solar Water Heater in Divisional Hospital and Running Room at Firuzpur

No. 55-Elect/39/327
Dated: 25/6/07

Sr. Civil Electrical Engineer,
N.Rly, Firuzpur Cantt.



Government of West Bengal
Public Works Department
Office of the Executive Engineer, City Division
Writers' Buildings, Block-V, Top floor, Kolkata-700001

Date: 01/12/2013

Memo No: 2352

To
M/S Bhambr Enterprise
794, Joshi Road
Karol Bagh, New Delhi-110075

Subject : Comprehensive Annual Maintenance Contract (CAMC) of 1x7000 LPD & 1x5500 LPD Solar Heating System for hot water supply to Rooms & Kitchen at Banga Bhawan, 5, Halley Road, New Delhi during the year 2013-14 for 6 (six) months
Reference : NIQ No: 17/88 of 2013-14 (Sl. 1) communicated vide memo no. 713/AE/89 Dated 23.09.2013

Dear Sir,

Your quotation offered for the above noted work has been accepted by the undersigned for and on behalf of the Government of the State of West Bengal. The entire work shall be executed as per specification laid down in the above NIQ in consultation with the Engineer-in-Charge and his direction.

The total cost of the work comes to Rs. 75000/- (Rupees seventy five thousand) only. Detailed particulars in connection with above mentioned work are given below:

Description of Items	Quantity	Rate	Amount (Rs.)
De-scaling of heat structure along with SS/MS tanks and paint the same with approved paint if necessary, monthly routine visit during the contract period to check up the instrumentation and control system and remedial action should be taken to make the system functional. Drainage system should be checked properly before start the work and complaint should be attended with 24 hours. All components should be replaced free of cost except damage due to natural calamities and mishandling of the system.	1 (One) Job	Rs. 75000/- per job	75000/-

(Rupees seventy five thousand) only

This letter may be treated as formal Work Order and you are requested to start work immediately in consultation with the Assistant Engineer, Banga Bhawan Sub-Division, PWD.

Yours faithfully

Enclose: As stated

Executive Engineer-I
City Division, PWD

Memo No:

Date:

Copy forwarded for information to the:

1. Superintending Engineer, Presidency Circle-4, PWD, New Secretariat Building, Kolkata.
2. Assistant Engineer, Banga Bhawan Sub-Division, PWD, for necessary action.
3. The Income Tax Commissioner, P-7, Chowringhee Square, Kolkata-700001.
4. The Commissioner of Commercial Tax, 14, Bellaghatta Road, Kolkata.
5. The Labour Commissioner, ~~City Division~~ PWD
5. The A/S Sec. of this office.
7. The concerned SAE under Banga Bhawan Sub-Division, PWD

Sd/-
Executive Engineer-I
City Division, PWD

Sd/-
Executive Engineer-I
City Division, PWD



EDENPARK HOTELS PVT LIMITED

Shahed Jeeb Singh Marg, New Delhi-110016
Tel: 41200000 Fax: 2696 0645

WORK ORDER

Ref No- EWO - 144
20/03/2014

Bhambr Enterprises
794, Joshi Road Karol Bagh,
New Delhi 110005,
Subject: AMC of Solar Water Heating System of Hotel Block

Sir,

With ref to your offer dt 08/03/14 & negotiation held we are pleased to place an order on you for AMC of Solar Water Heating System of Hotel Block for total amount of Rs 40000.00 (Rs Forty thousand only + Tax) as per detail given below for the period 01.04.14 to 31.03.15

Terms & Conditions

1. The vendor will provide four Preventive Maintenance on quarterly basis & unlimited break down service on call. Breakdown call has to attend on same day on 24 hour basis.
2. The Vendor will P/A of chemical for effective & smooth that free surface on glass of collectors in every visit.
3. Vendor will responsible for extensive overhauling & re-assembly of whole system including follows:
A) Decoding by using appropriate chemicals
B) Overhauling of collectors & reassembly and replacement of gaskets & flanges wherever required.
C) Sensor & wiring attention including all calibration & interlocking with all related accessories like heat proof wire, control, sensor, calibration of relays etc. All using system should be in proper condition so that it should work in Auto system.
D) Servicing & Overhauling of PHE System including minor repairing whenever possible.
E) P/A of chemical for effective & smooth that free surface on glass of collectors
F) Required modification in the system that require for optimum & efficient working of the system
4. All above job includes but not limited that required for optimum & efficient working of the system. The same has to duly certify by the Engineering - in-charge of the Hotel.
5. AMC's Exclusion: Inclusion: Tank, Heating Element, Collector, glass, Wiring & Sensor etc. and Inclusion part is Gasket and Flange during the period AMC, but includes during one time of overhauling & servicing of the system.
6. Taxes extra as applicable.
7. The workmen of M/S Bhambr will be in proper uniform & carry the I card while working in our premises
8. The Contractor's men will use the staff gate and will be liable to be searched at the gate. If they want to take things with them while entering the hotel, they should record the time in the register maintained at the gate. If they want to take anything out of the hotel, gate entry pass has to be prepared and the approval of Chief Engineer has to be taken.

Owners of The Quad- New Delhi

LIST OF OUR CLIENTS



Jeevan Anmol Hospital



LIST OF OUR CLIENTS

 <p>LANCO Always Inspiring</p>	 <p>Reliance Industries Limited</p>	 <p>के.एन. राय KR सादर सेवा</p>	 <p>St. Columba's School</p>	 <p>STUDY AND PLEASURE USRA An International Centre for Science</p>	 <p>भारतीय प्रौद्योगिकी शिक्षा बोर्ड ए.आई.सी.टी.ई.</p>
 <p>JEEWAN MALA HOSPITAL</p>	 <p>St. Columba's School</p>	 <p>CA</p>	 <p>UltraTech CEMENT The Engineer's Choice</p>	 <p>teri</p>	 <p>भारतीय रेलवे INDIAN RAILWAYS</p>
 <p>श्री राम एजुकेशन ट्रस्ट श्री राम एजुकेशन ट्रस्ट परिसर</p>	 <p>श्री राम एजुकेशन ट्रस्ट श्री राम एजुकेशन ट्रस्ट परिसर</p>	 <p>SANKAR THE CIVIL SERVICES SCHOOL</p>	 <p>भारतीय सेना INDIAN ARMY</p>	 <p>Agilvy</p>	 <p>भारतीय रेलवे INDIAN RAILWAYS</p>
 <p>Lp m Estd. 1977</p>	 <p>श्री राम एजुकेशन ट्रस्ट श्री राम एजुकेशन ट्रस्ट परिसर</p>	 <p>Queen Mary's School High School</p>	 <p>भारतीय विद्यापीठ UNIVERSITY PUNE</p>	 <p>DELHI 2010 FOR COMMONWEALTH GAMES</p>	 <p>The Nutroot Group A Nutroot Group Enterprise Since 1987 Unchanging values... in changing times.</p>
 <p>SPS</p>	 <p>NEW COLLEGE OF EDUCATION Love Knowledge Wisdom</p>	 <p>A.P.L. COR INTERNATIONAL SCHOOL सैद्यार्थ ज्ञानम्</p>	 <p>भारतीय विद्यापीठ UNIVERSITY PUNE</p>	 <p>DELHI 2010 FOR COMMONWEALTH GAMES</p>	 <p>The Nutroot Group A Nutroot Group Enterprise Since 1987 Unchanging values... in changing times.</p>
 <p>pal Shaping Dreams</p>	 <p>NUMERO UNO</p>	 <p>भारतीय विद्यापीठ UNIVERSITY PUNE</p>	 <p>भारतीय विद्यापीठ UNIVERSITY PUNE</p>	 <p>DELHI 2010 FOR COMMONWEALTH GAMES</p>	 <p>The Nutroot Group A Nutroot Group Enterprise Since 1987 Unchanging values... in changing times.</p>

Our Strengths

- Innovation-We keep innovating ,developing quality new solar products based on the requirement of the client.Like innovative solar mobile chargers,solar led lights,solar garden lights.
- Service-We have a prompt customer care and service the products within 48 hrs,making us more dependable.
- Reach-All India network.We have more than 25 dealers across India & 4 franchisee owned outlets.
- Experience of dealing with the customers at the root level for over 10 years has given us good expertise to provide a solution as per their requirements.

Solar Water Heaters

The range of Kingsun Solar Water Heater ETC Series includes Water Heating Systems from 100 LPD to 100000 LPD

FEATURES

- Greater absorption area per day, upto 94%
- Minimum of heat loss by using vacuum tubes and PUF insulated storage tank
- Good performance in winter and cloudy days
- Hard water scaling does not corrode the ETC tubes
- Low maintenance, easy to clean
- Compact size - Low height, easy to install and transportation
- Thermostat electrical back-up for non-sunny days(optional)



King Sun

Solar Lanterns



King Sun

Solar Home Lighting System



King Sun

SOLAR GARDEN LIGHTS



Solar Street Light

Street Light Specifications

Model	LED Luminary	Solar Panel Wp	Battery AH	Charge Controller with D2D	Pole height in Metre
1	10 W	45	42	6 Amp,12 V	4.5
2	20W	74	75	10 Amp,12 V	5
3	30 W	120	120	15Amp,12V	5.5
4	40W	150	150	15Amp,12V	6
5	60W	240	240	25Amp,24V	7



King Sun

Solar power Plant



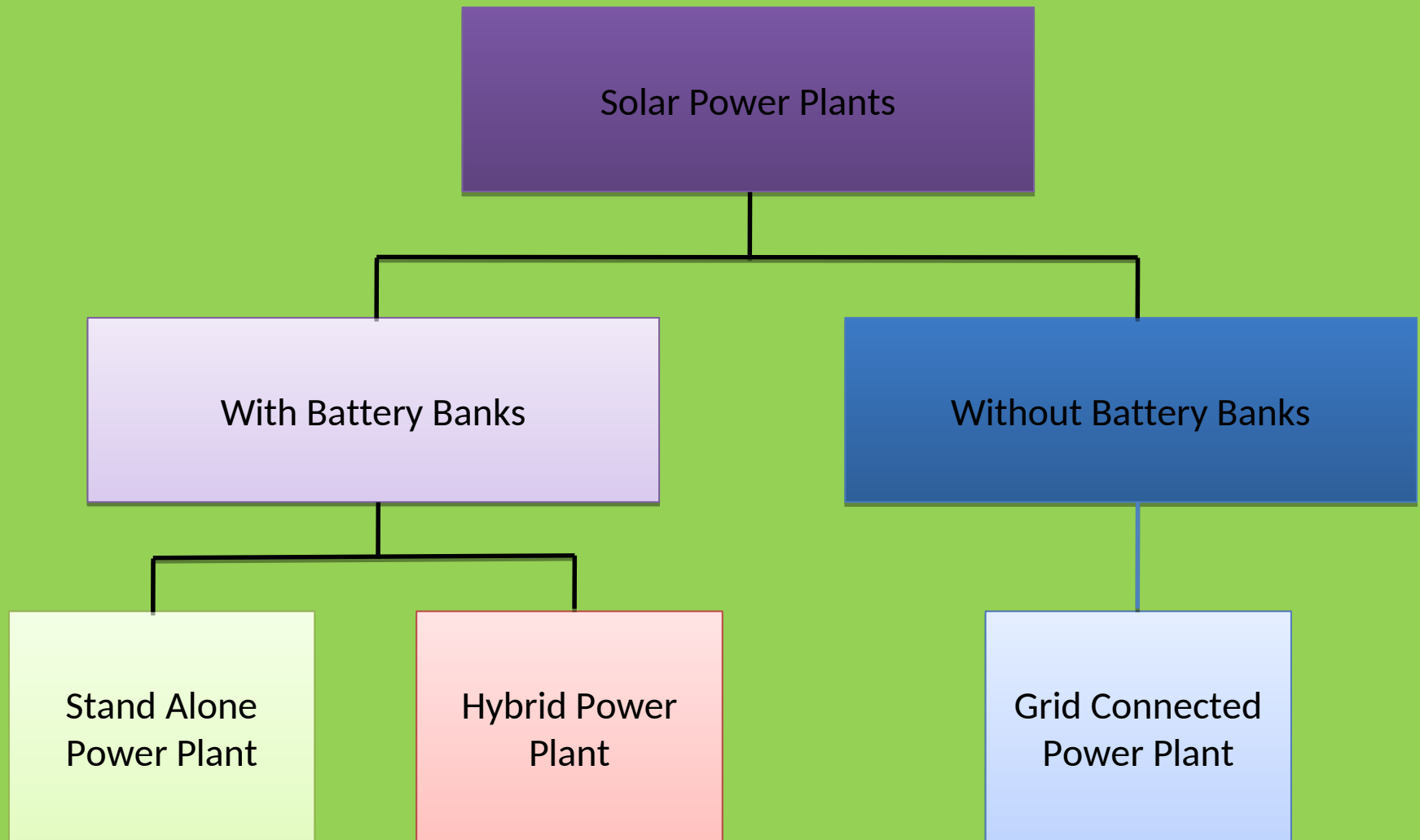
King Sun



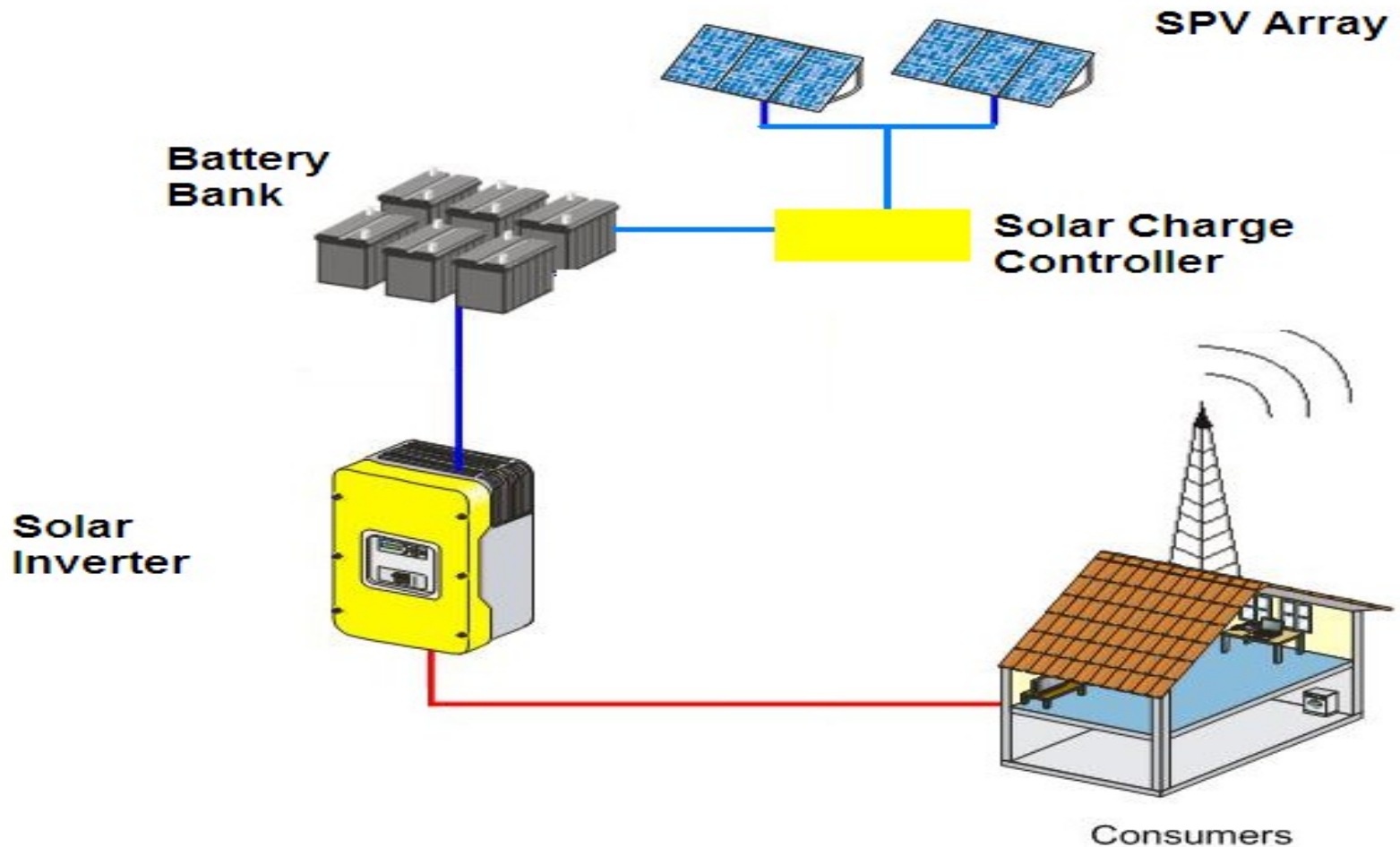
100 KW ROOF TOP GRID
INTERACTIVE SYSTEM

King Sun

What are the Different Types of Solar Power Plants Available?



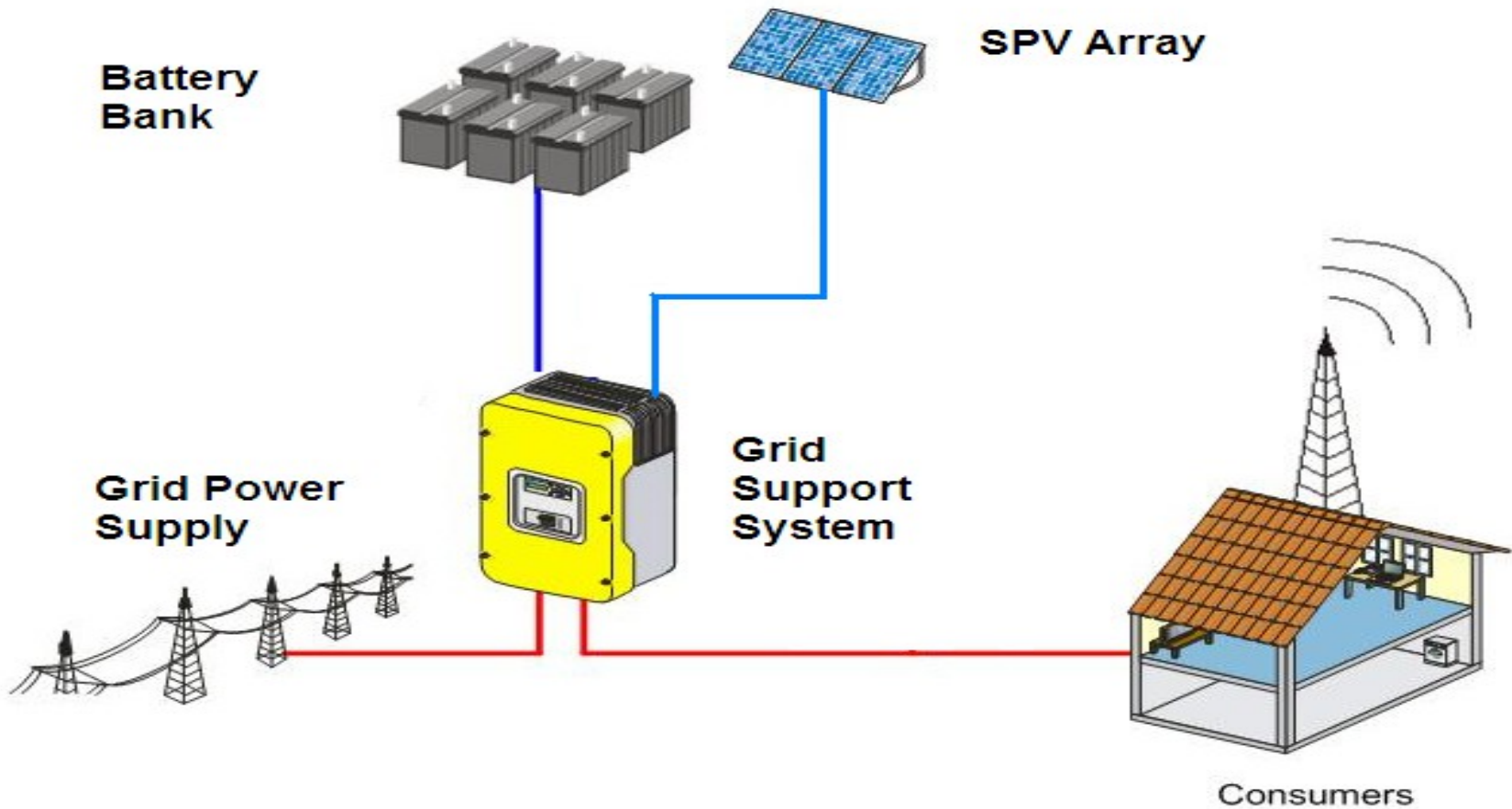
Stand Alone Power Plant



Stand Alone Power Plant

- 1 Solar Charge Controller and Inverter if in Same Cubicle then it is called a Power Conditioning Unit instead of an Inverter
- 2 Only One Source of Power i.e. Solar, Hence the power plant has to be over designed – Battery Backup has to be for 2 -3 days as there is a possibility of consecutive non sunny days. Higher battery means more PV Modules hence plant becomes very expensive
- 3 Application – Rural Electrification, Island Systems etc
- 4 Commercial Feasibility – Only Feasible if it is replacing DG sets or places where there is no electricity. If replacing mains - due to recurring cost of battery replacement there is no feasibility
- 5 Large systems not possible, due to huge size of battery bank
- 6 System is very inefficient in the sense that during summer we may waste solar power and during monsoon we may be short of solar power as battery bank may not be sufficient to store power during summer.
- 7 No Backup source means limited reliability of the system

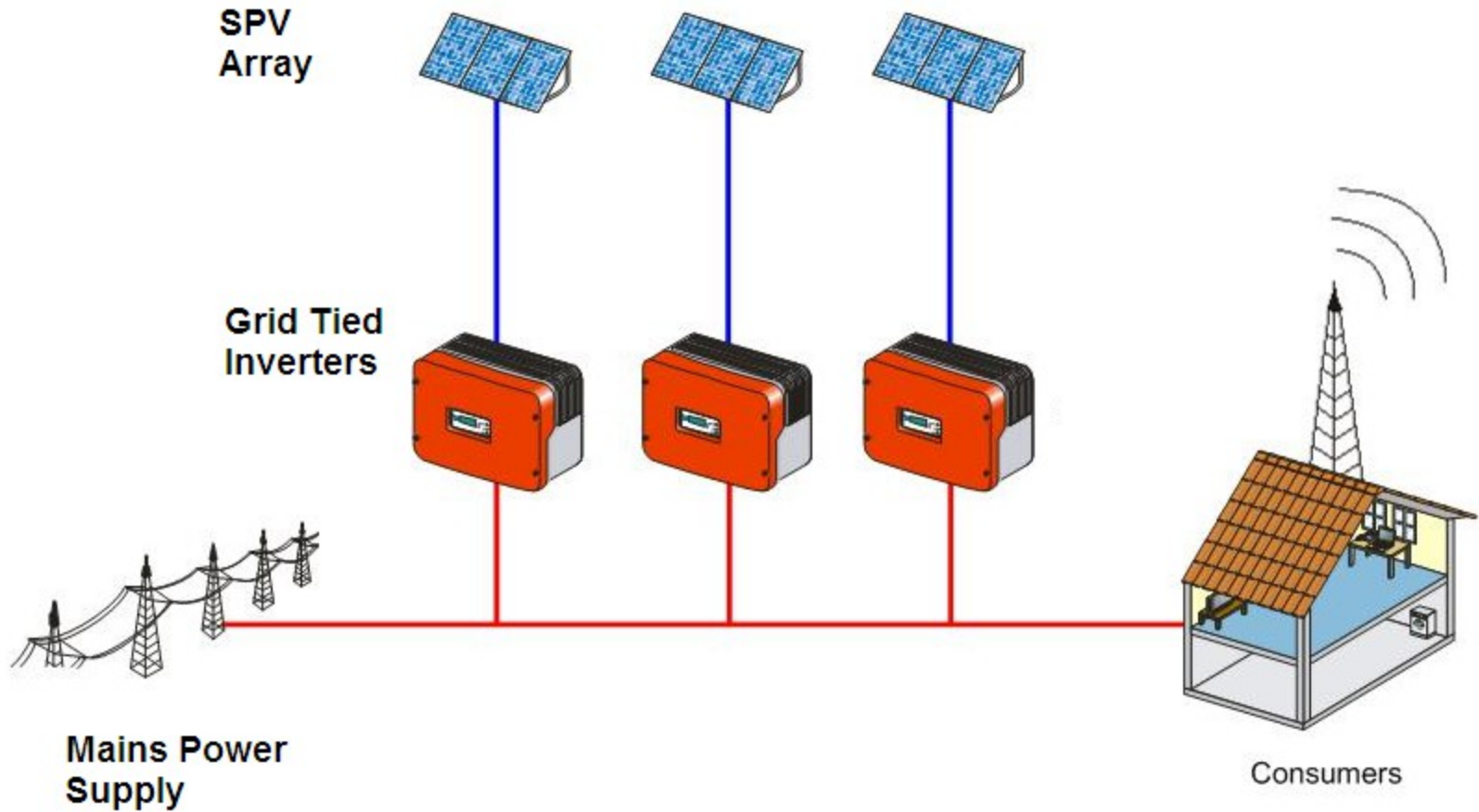
Hybrid Power Plant



Grid Connected Power Plants

- THE FUTURE OF SOLAR POWER PLANTS
THE WORLD OVER

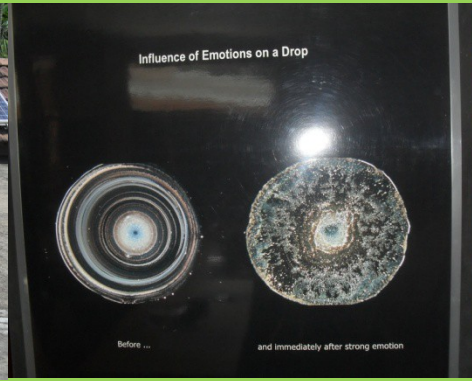
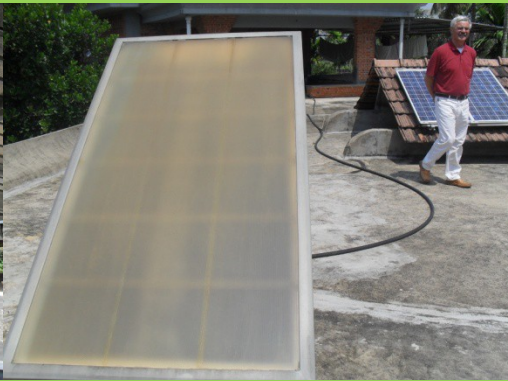
Grid Connected Power Plants



Grid Connected Power Plants

- 1 MPPT Charge Controller & Inverter Built into same system called as a grid connected inverter (also called string / central inverter)
- 2 Is meant for generation of electricity and not for supplying a dedicated load as operation is in parallel to the grid. Maximum Yield from Solar as there is no storage loss, single conversion DC to AC hence highest efficiencies.
- 3 Application - City Applications where there is in-frequent power cuts.
- 4 Commercial Feasibility - Breaks even fastest as there is no recurring costs. Fit and Forget Reliability. Government provides subsidies as well as feed in tariffs for highest return on Investment. Most popular system used the world over.
- 5 Any Capacity systems possible as multiple inverters of different ratings can be plugged on (2 kW - 50 MW)
- 6 Disadvantage - No Grid No Production

TRAINING PROCESS



King Sun



FIELD ACTIVITIES IN RURAL AREAS

Demos being given



Solar Energy awareness workshop in association with an NGO “SWAYAM”



Bhambri Enterprises

Financial Inclusion



Migrant Cricket Batmakers



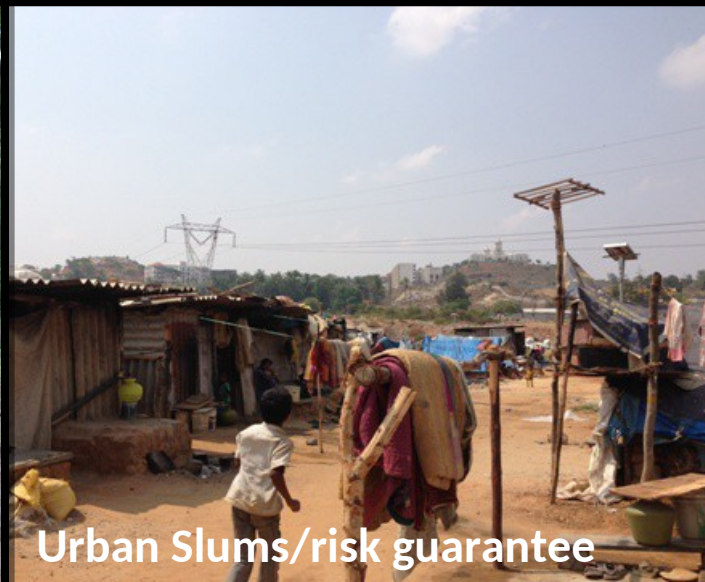
Daily Laborers homes below windfarm/
interest subsidy



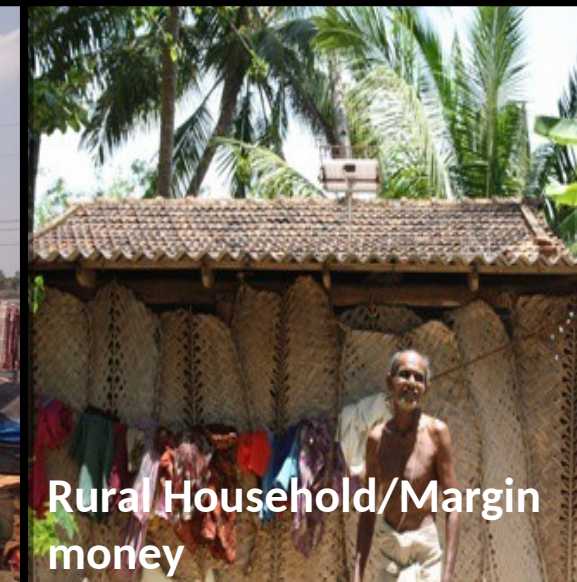
Home based livelihoods/
Margin Money



Tribals/risk guarantee



Urban Slums/risk guarantee



Rural Household/Margin
money

THANK YOU

**THANK YOU VERY MUCH FOR YOUR
VALUABLE TIME AND ATTENTION**

www.kingsunsolarproducts.com