



Tatva

THE ELEMENTS

WE MAKE
S**LAR**
EASY . RELIABLE . AFFORDABLE

JOIN THE **SOLAR** BRIGADE

www.tatvagroup.org

“Tatva Group” is a conglomerate of well diversified business interests endowed with a vast reservoir of experience, resources and competencies dedicated towards attaining excellence in the fields of Solar (Manufacturing & EPC), Automobile and Mining (Processing & Exports) with an annual turnover of more than INR 400 Crores.

Vision

To interlink the infinite possibilities of the Earth and the Sun creating a better world for tomorrow, today.

Mission

We are dedicated towards seamlessly synergizing the potential of the twin core elements, Prithvi and Surya, ensuring equitable harmony and optimum economic utilization of the “Tatvas”.

Business Verticals

Solar Manufacturing

Icon Solar is dedicated to providing cost effective end to end solar solutions with cutting edge technology and world class products for domestics, commercial and industrial applications.

Solar Integration

We, at Rawmate Solutions, zealously strive towards bridging the energy deficiency divide by providing economical solar solutions, tailor-made as per client's requirements.

Mining

Rawmate Solutions incorporated in the year 2011 owns and operates granite quarries spread over 130 acres across 5 states of the granite rich deccan plateau region of India.

Automobiles

Rainbow Automotive is the largest dealership of TVS two wheelers in Western India.

**GLOBAL
VISION**

**LEADERSHIP
WITH
INTEGRITY**

**INNOVATIVE
ENGINEERING**



SOLAR MODULE MANUFACTURING

Icon Solar-En Power Technologies Pvt. Ltd. being most modern solar module manufacturing is dedicated to provide end-to-end solar solutions. We manufacture highly efficient products with cutting edge technology. We believe in offering our customers the best solar solution for Domestic, Commercial and Industrial applications.

Vision

To emerge as the leading service provider of clean, cost-effective and state-of-the-art energy solutions by harvesting the iconic power of the Sun.

Mission

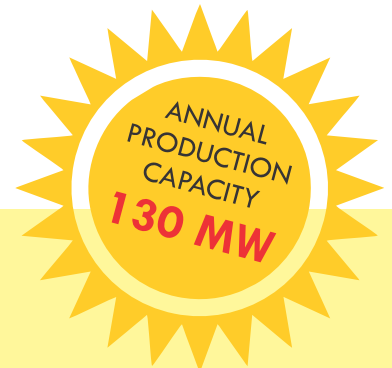
We are committed to provide ingenious solutions towards energy conversion and storage, to find its dynamic applicability in residential, commercial and industrial usage globally. Achieving our ideal of creating profitable energy efficient value for our customer, shall encompass a holistic approach imbining innovation, industriousness and integrity.

TESTING FACILITIES

- Sun Simulator Test
- EL Test
- Gel Test
- Mechanical Load Test
- Junction Box Pull Test
- HV-igh Voltage Test
- Wet Leakage Test
- Adhesive Test
- Tab Pull Test
- PID Test

SALIENT FEATURES

- 100% Online EL Inspection System
- Positive Oriented Power Tolerance [-0 to +2.5%]
- Italian Stringing Process
- Guaranteed Performance as per Best Industry Standards
- High Fill factor and less series Resistance Solar Modules
- Low Temp Coefficient
- Solar PV Modules Suitable for indian and European Climates







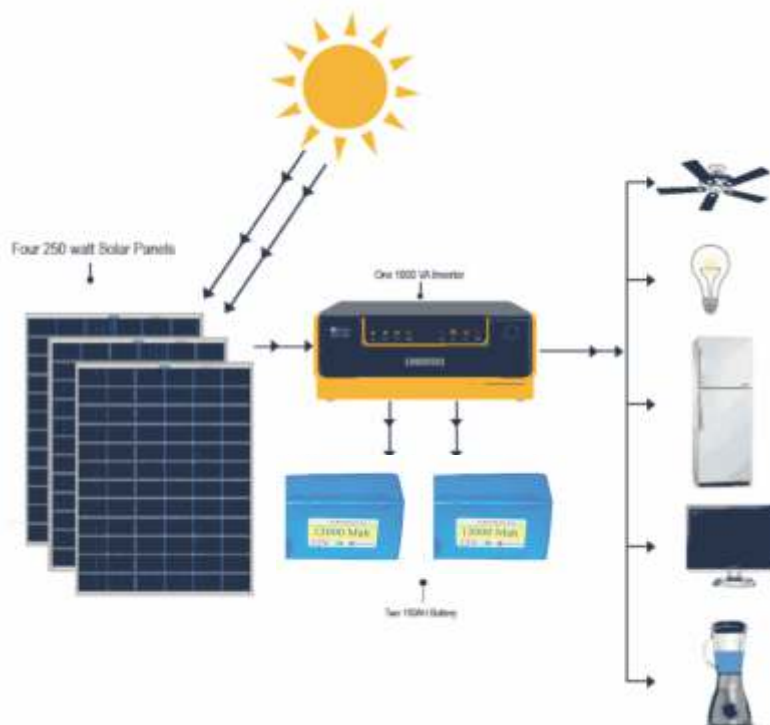
SOLAR INTEGRATION

Rawmate Solutions, a division of Tatva Group is an ISO 14001:2015 and ISO 9001:2015 Certified Company engaged in Solar Integration (EPC) & Granite Export, having registration with **MNRE, CREDA** & Various State Agencies such as **JAKEDA (J&K), MSEDCL MEDA (MH)** and Andhra Pradesh (**NREDCAP**) across India.

Rawmate Solutions/has in last 3 years successfully installed and executed over 4,500 Solar Agricultural Pumps, 15,000 Solar Home Light Systems, 30,000 Solar Street Lights along with 2,00,000 Solar Lanterns and 1,65,000 Solar Study Lamps.

Rawmate Solutions has also been awarded India's single largest Solar Agriculture Pumps tender of 10,000 Nos. by the Stage Govt. of Maharashtra which is under execution.

Rawmate Solutions provides professional operations and maintenance services with a dedicated team of experienced field service engineers and technicians. The team actively oversees the quality and performance of each solar project with effective, daily performance monitoring and remote monitoring performance or our projects preventative maintenance routines and manufacturer warranty management. All of our Service Personnel are trained to be aware of Safety, Performance and Quality at all times.





SOLAR HOME LIGHTING SYSTEM

Rawmate Solutions empowers the most backward communities and families by providing smart solutions at their doorstep.

Be it in forest or across rivers, Rawmate Solutions is providing a ray of light with these decentralised Home Light Systems. This has enabled families To Grow, To Cook, To Study, to Learn and To Prosper.





SOLAR LANTERNS



FEATURES

- 3/5 Watt Solar LED Lantern
- Omni Directional - 360° Light
- Supplied with 4W/5W Solar Panel
- Option for Mobile Phone Charging & FM Radio.
- Two modes : Full Bright and Half Bright
- Backup : Full Bright 6 / Hours / Half Bright 8 Hours
- Duty Cycle : 4 Hours Per Day
- Autonomy : 2 Days
- Battery : 3.7 V, 4 Ah Lithium ion Battery
- Instant ON & Flicker free
- Contains NO Mercury
- Emits NO Harmful UV Radiation
- Warranty on System : 2 Year
- Warranty on Solar Panel : 10 Years
- Warranty on Battery : 1 Year



SOLAR STREET LIGHT SOLAR HIGH MAST COMMUNITY LIGHTING SOLUTIONS



Options For Different Heights & Wattages Available





SOLAR COMMUNITY IRRIGATION PUMPS



Available upto 50 HP

SOLAR SUBMERSIBLE AGRICULTURAL PUMPS



Available From 0.5 Hp To 10 HP, Surface & Submersible DC Pumps





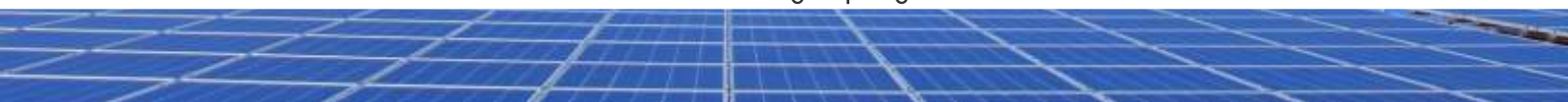
SOLAR DRINKING WATER SOLUTIONS



SOLAR WATER RO SOLUTIONS

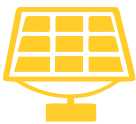


Drinking Water Systems Available From 1000 Ltrs. To 10000 Ltrs.





SOLAR POWERED MODULAR COLD ROOM



20% MORE EFFICIENT
THAN OTHER SOLUTIONS



30 HRS BATTERYLESS
BACKUP



PORTABLE



MODULAR BY NATURE



- Unique thermal energy based technology
- Optimum compressor usage.
- Low cost, battery -less backup
- No commodity loss during



- Variable frequency compressor
- Works efficiently even during less sunny hours



- A digitally advanced system
- Provides real time information about your cold room on a smartphone
- Predictive Maintenance
- Minimum or no break down



CUSTOMISABLE
ROOM SIZE



PRE COOLING
WITHIN 6HRS



SMARTPHONE
CONTROLLED



BATTERYLESS
BACKUP

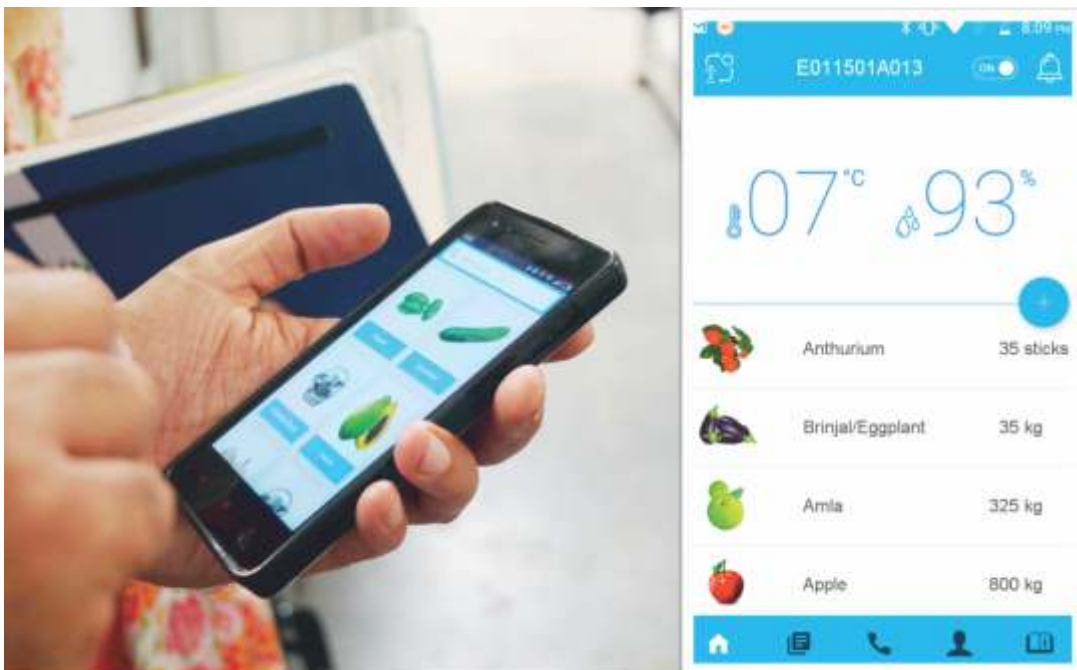


REAL TIME
DATA LOGGING





EMPOWERING FARMERS





FLOATING SOLAR INNOVATIVE WAY TO HARNESS SOLAR ENERGY

No land acquisition cost

Restricts evaporation loss by up to 70%

Evaporative cooling improves efficiency

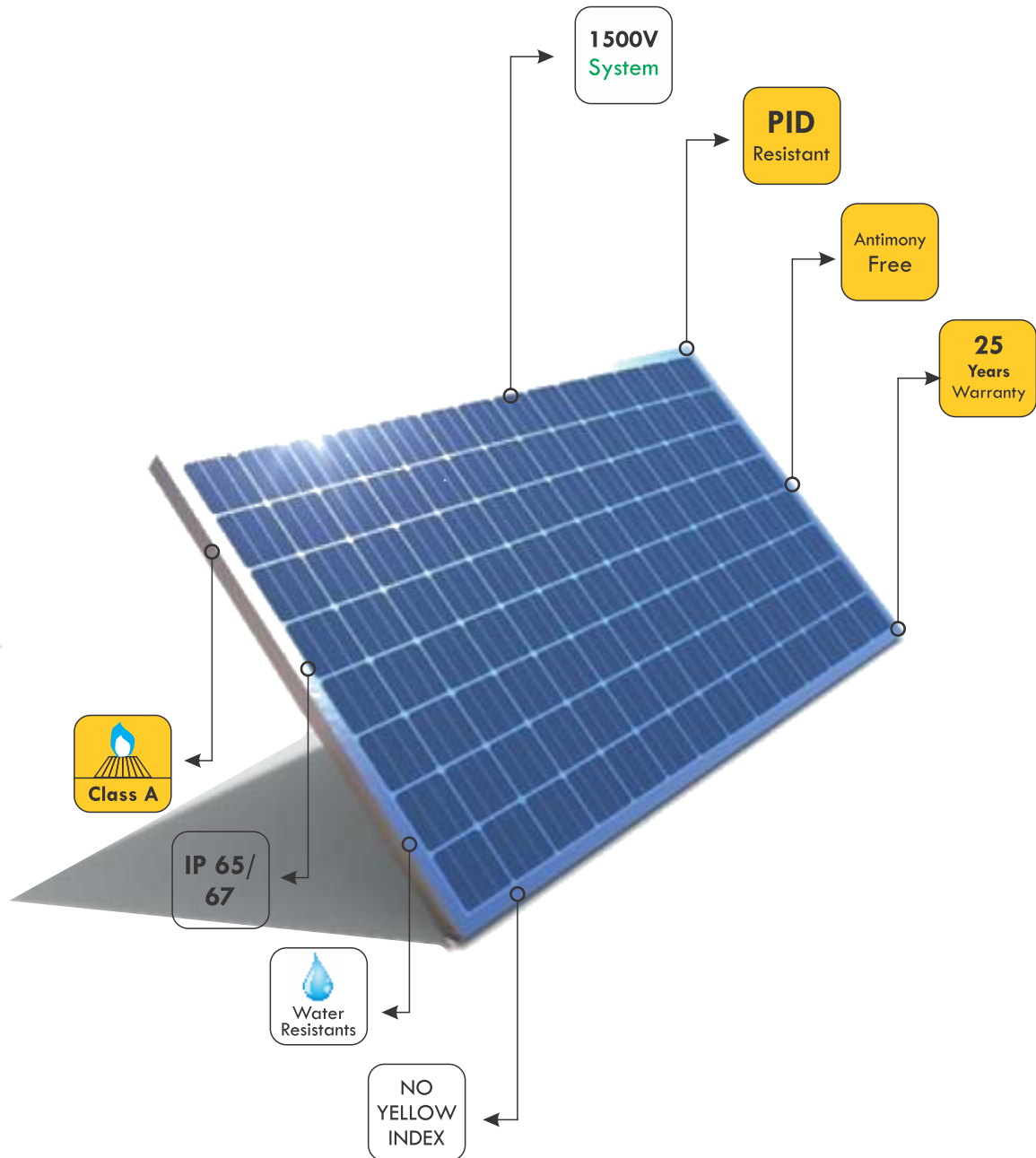
Vast obstruction free surface on water

Water bodies unaffected by floaters

Floating cover reduces algal growth and improves marine ecosystem

Low dust accumulation on pv modules







Creating A Sustainable Greener Africa...



RAWMATE SOLUTIONS

Sharadha Complex, Opp. Rajkumar College,
G.E. Road, Raipur 492 001 Chhattisgarh (India)

vipin@tatvagroup.org

girish@tatvagroup.org

www.tatvagroup.org

Contact :

Vipin Mirani +91 98261 46919

Girish Mirani +91 98930 68625

