

Winner of
"UTKRUSHT KAMGIRI AWARD"
GoG - Climate Change Department

EPC COMPANY OF
THE YEAR 2021
EQ'S Gujarat State Annual Solar Awards



MOST EXPERIENCED SOLAR EPC COMPANY IN INDIA



500+
installations in
Industrial &
Commercial
category

7000+
installations in
Residential
category

100MW+
installations
across india

INDUCTOTHERM GROUP INDIA

"As a part of our Inductotherm Group commitment towards sustainability to the environment we decided to install roof top solar system and finally the dream has come true today. I must congratulate U R Energy for same as our EPC Partner. Before selecting U R Energy we had interviewed some 3-4 agencies, but considering the technical background, their more number of installation in Gujarat and most importantly is the professional approach of U R Energy we had decided finally to go with U R Energy. I thank U R Energy for successfully installing this entire system well in time with excellent workmanship."

INDUCTOTHERM (INDIA) PVT LTD
(Mr. Naishadh Parekh, Managing Director)



On world Environment Day, 170 KW Rooftop Solar Power Plant was inaugurated by Mr. Anil Bayati, General Manager of AmulFed Dairy a unit of GCMMF at Bhat Village, Dist. Gandhinagar, Gujarat

Video Link : <https://www.youtube.com/watch?v=P4iG-6hEfrw&t=2>

AMULFED DAIRY
(Mr. Anil Bayati, GM)

VSQUARE GROUP COMPANIES

Since 1998

UR Energy
Energy for All
Energy
www.urenergyglobal.com

PRAVEG
Accelerating ideas
Communication
www.praveg.com

built for life **V2 projects**
Real Estate
www.vsquareprojects.com

V. V. Patel Consultant Pvt Ltd
Finance
www.vvpatelconsultants.com



UR Energy (India) Pvt. Ltd. was selected as our vendor for installation of SPV plant post a detailed Techno commercial evaluation of our internal management team. They have displayed a highly professional approach and in-depth technical knowhow which is visible in the quality of their installation in the Water Reservoir of our ETP. UR Energy team has taken utmost care in following the safety standards and installing walk-ways which give easy and safe access of the entire plant for cleaning and maintenance. We also appreciate the active participation of URE management team at every stage of the project. The plant's generation is satisfactory, and the customer support team visits our site at regular intervals for a detailed plant inspection. Recommending UR Energy if you are expecting a professional and technically sound team for installation and committed after-sales service.

ZYDUS INFRASTRUCTURE PVT. LTD.
(Mr. Kailash Bahuguna, Chief Operating Officer)

U R Energy started its journey in the solar industry since 2009 and within 8 years achieved a market leading position servicing 77,500+ residential and commercial customers across the world wide solar market. The company procures, develops and installs solar power systems at economic prices for residential, commercial, industries and utility scale customers.

Quality is in the main focus of our business as the company has invested heavily in technology to provide consumers a pleasurable experience of solar adoption through dedicated call centers, live chat based support, and many more for online / application-based live tracking of energy production, customer requests, so that consumers After-sales service can be provided immediately. UR Energy is ISO 9001, ISO 14001 and OHSAS 18001 accredited company, and supplies high-quality inverter, tier 1 panel brand.



ABOUT URE

CHAIRMAN'S MESSAGE



CA VISHNU PATEL

Today generation and utilization of renewable energy is at the center of attention. Governments worldwide have realized the importance of moving away from fossil fuel to clean and green energy in order to provide a safe future to the generations to come. Solar Energy is the key in achieving this objective, as it is a choice available for everyone from a small time farmer in a remote location to mega-scale industries. UR Energy commenced its business with a single objective of accelerating the adoption and growth of solar power systems across the world, not only for its obvious environmental benefits but more importantly the economic benefits to its clients.

We at UR Energy have invested heavily in technology to provide our customers with an exhilarating experience of adopting solar through online/App based live tracking of energy generation, dedicated call center to attend to customer requests, live chat based support and many more.

We have to our credit solar installations of over 350 MW and a customer's base of 77,500 clients - domestic, retail and industries, across the globe. Our quality supplies, economical price structure, convenient payment modes, timely delivery and best in industry customer support are the key to our success.

MISSION

Envisioning ENERGY FOR ALL – as our prime motto and quality as our business USP. Our endeavor is to become a Rooftop Solar (RTS) Company of Choice by executing and operating our projects efficiently and maintaining the highest standards of quality, safety and environmental sustainability.

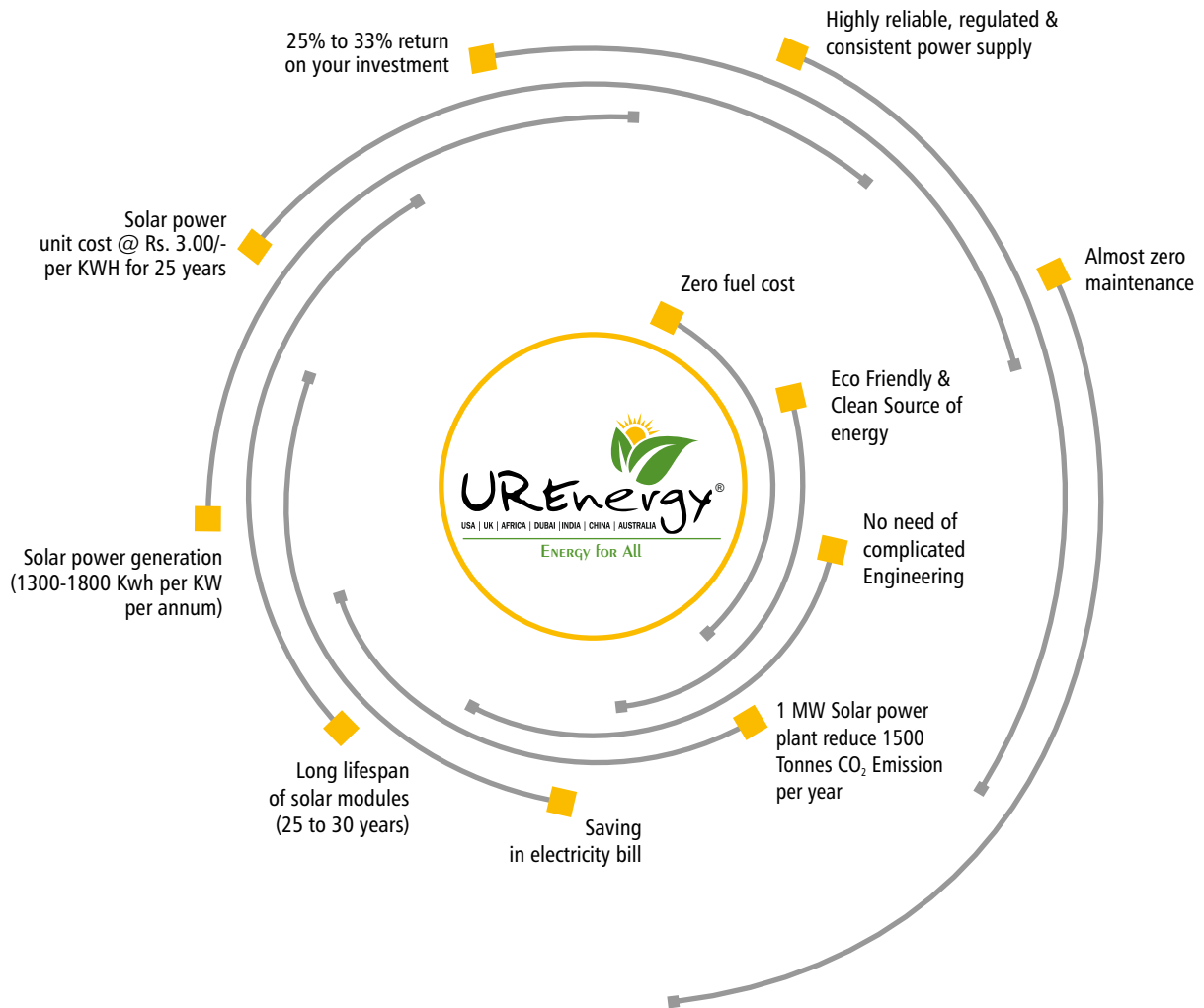
VISION

Our Vision is to provide high quality and cost effective sustainable-clean energy solutions across all markets sectors, thereby improving quality of present and future human life.

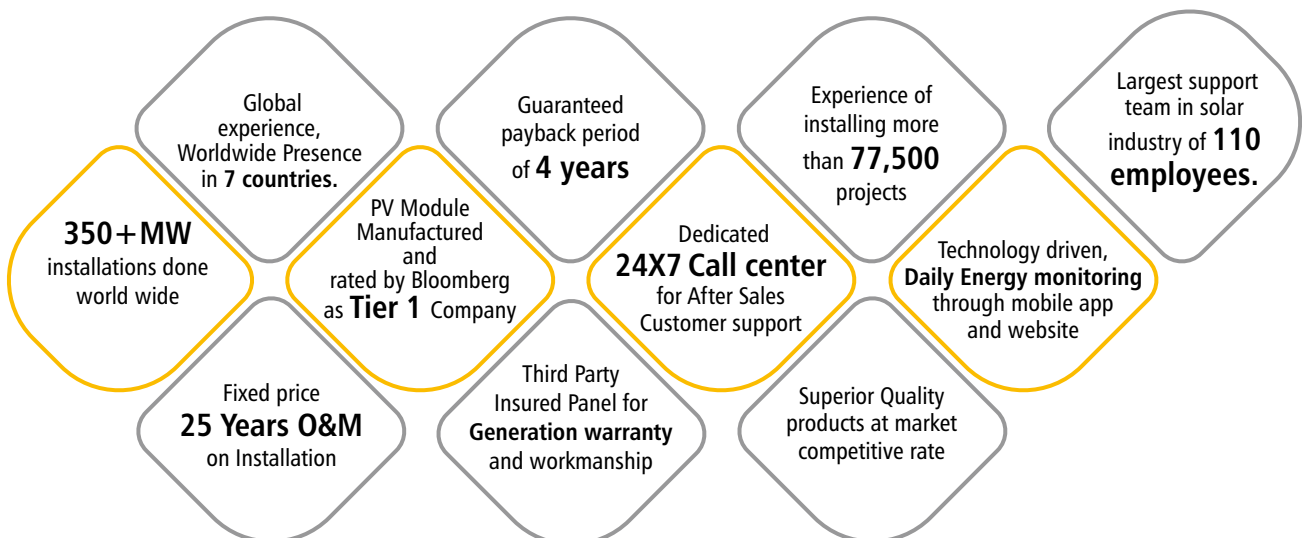
GOALS

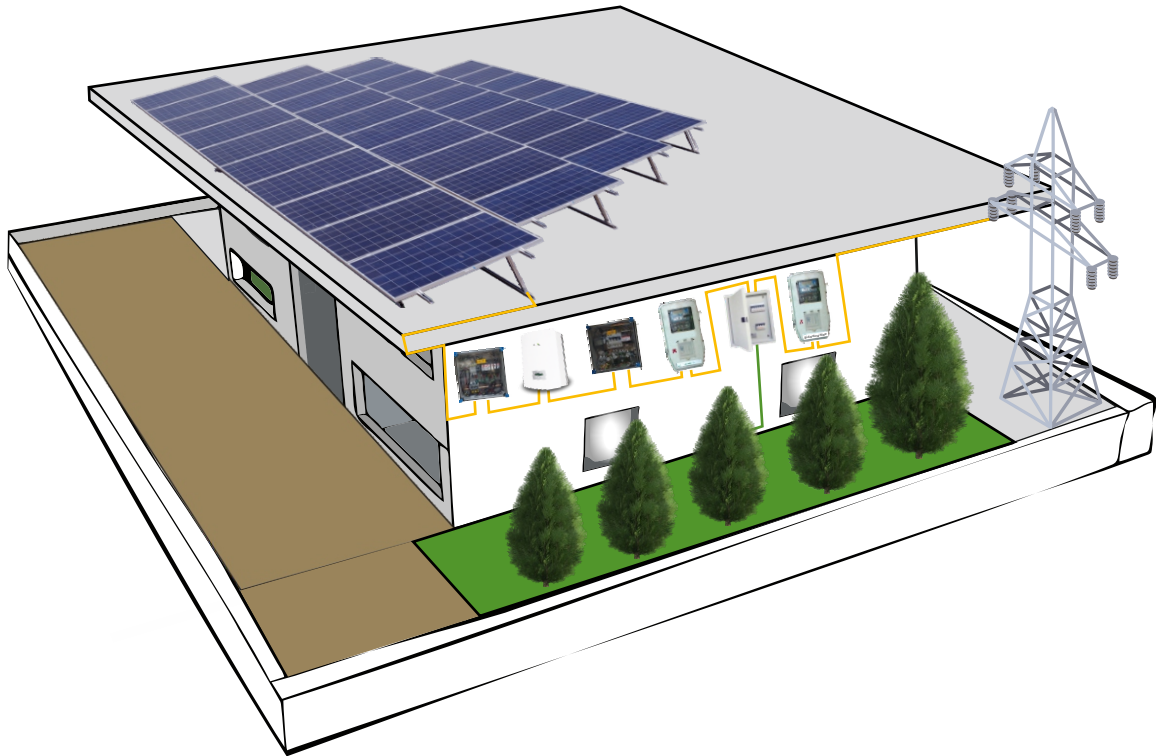
U R Energy is committed to increase the renewable power capacities and is aiming to achieve a target of 100 megawatts to be a market leader grid-connected solar PV roof top share of India.



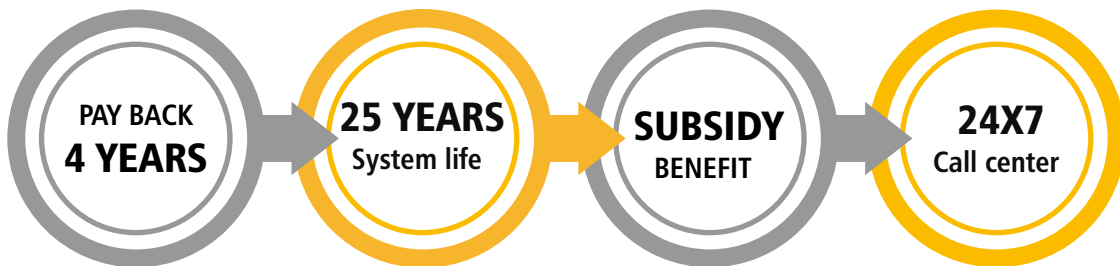


Why UR Energy ?





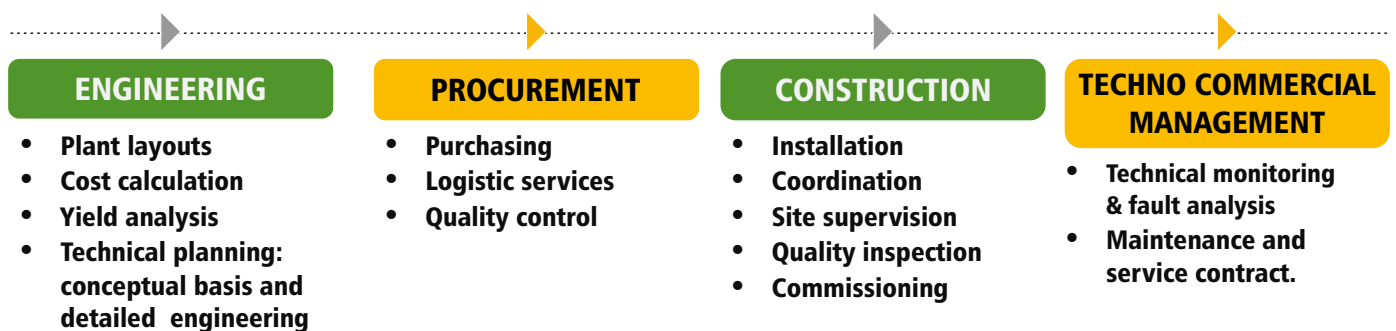
- 1 **SOLAR MODULE** : Solar module converts sunlight into electricity
- 2 **DCDB** : Protect the inverter from DC side Short circuit, over current and surge.
- 3 **INVERTER** : Converts the DC power into AC power using PV panels for your home.
- 4 **ACDB** : To protect Solar System from AC side short circuit, over current & surge.
- 5 **SOLAR METER** : Measures the generation of Solar power system
- 6 **LOAD DISTRIBUTION PANEL** : Distributes AC power to Residence
- 7 **BI-DIRECTIONAL METER** : Measures the energy in Import & Export way.
- 8 **GRID** : Input from concern DISCOM/Distribution Licensee/Utility





450 KW Hi-Tech Pipes - Sanand

- 1 SOLAR MODULE :** Solar module converts sunlight into electricity
- 2 DCDB :** Protect the inverter from DC side Short circuit, over current and surge.
- 3 INVERTER :** Converts the DC power into AC power using PV panels.
- 4 ACDB/LT PANEL :** To protect Solar System from AC side short circuit, over current & surge.
- 5 TRANSFORMER :** To step up the power for HT Transmission
- 6 HT PANEL :** Isolation of HT, for protection of Transformer
- 7 LIGHTING ARRESTER :** Safety & Protection from the lighting strokes
- 8 SOLAR METER :** Measures the generation of Solar power system
- 9 BI-DIRECTIONAL METER :** Measures the energy in Import & Export way.
- 10 GRID :** Input from concern DISCOM/Distribution Licensee/Utility



10 MW

Jay Chemicals – Kalamsar,
Khambhat, Dist. Anand





SOLAR MODULES

Rated tier 1 company by **Bloomberg**
POWER TOLERANCE (0, + 4.99)

WARRANTY

10 YEARS guarantee on product material

27 YEARS linear power output warranty

MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
- ISO 14001** : Standard for environmental management system
- OHSAS 18001** : International standard for occupational health and safety assessment system

Certifications and standards:



1 KW TO 70 KW GRID TIED INVERTER



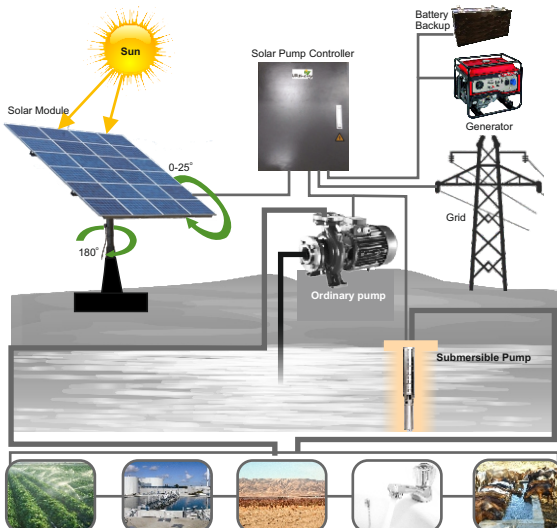
LEADING FEATURES

- Compact and lightweight, visually pleasing for domestic environment
- 50V-1000V input voltage range-ultra low startup
- Max. efficiency Over 98.5%
- High Precise, High speed MPPT algorithm
- IP65 rated for external installation
- RS 485, WiFi/GPRS (optional) interface
- Multiple protections levels
- WiFi monitoring available - iphone and android app available
- 5 years standard warranty, 10 years optional upgrade. (Extended Warranty)

Single / Three Phase Inverter Certificate



3 HP TO 60 HP SOLAR WATER PUMP



SOLAR PUMP ADVANTAGES

- DC/AC Input Compatible, DC: Solar PV Power Supply
- AC: Diesel Generator or Grid Supply
- Environment-protection, Economic
- Optimized MPPT Arithmetic, Accuracy Reached 99% and above.
- Multi-liquid-level Control
- Less Water, Full Water Liquid-Level Control, Liquid-Level Detector Failure Adjustment
- Pumping Water Much
- Water Pumping on the Same Circumstance
- Rich Protection Functions
- Featured with Protection Functions of Lightning-proof, Over-voltage, Over-current, Over-load, etc.
- Dormancy on weak light, awoken on strong light
- Auto-dormancy on weak light, auto-recover working on strong light, no need man-made operation.

Polycrystalline



Monocrystalline

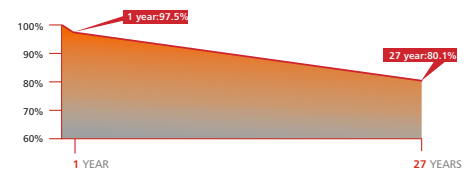


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MANAGEMENT SYSTEM

- ISO 9001** : Quality management system
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WARRANTY



10 YEARS guarantee on product material

27 YEARS linear power output warranty

Certifications and standards:



Safety

- Safety for salt mist corrosion (IEC61701, tested in TÜV SÜD)
- Safety for ammonia corrosion (IEC62716, tested in TÜV SÜD)
- Safety for fire risk (Class C, tested in TÜV SÜD and Rheinland)

Reliability

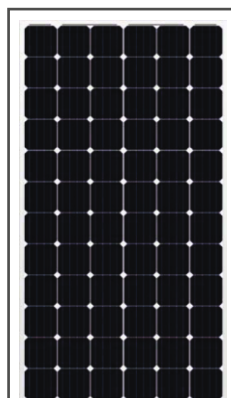
- PID FREE** PID free products, passing TÜV SÜD system voltage durability test
- 1st** World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate
- BANKABLE** Bankable products

Performance

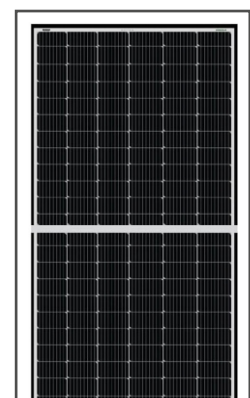
- Advanced** Outstanding power output capability at low irradiance
- Triple 100% EL** Triple 100% Electroluminescence (EL) tests minimize breakage rate
- Photon TOP** Top rank in Photon yield measurement



325-345Wp
Polycrystalline



445-550Wp
Mono PERC



535-670Wp
Bifacial Mono

LEADING FEATURES

- ▲ Compact and lightweight, visually pleasing for domestic environment
- ▲ 50V-1000V input voltage range-ultra low startup
- ▲ Max. efficiency Over 98.5%
- ▲ High Precise, High speed MPPT algorithm
- ▲ IP65 rated for external installation
- ▲ RS 485, WiFi/GPRS (optional) interface
- ▲ Multiple protections levels
- ▲ WiFi monitoring available - iphone and android app available
- ▲ 5 years standard warranty, 10 years optional upgrade. (Extended Warranty)

Single / Three Phase Inverter Certificate



PRODUCT RANGE



Single Phase Inverter

2.2KW, 2.7KW, 3KW, 3.3KW, 4KW, 4.6KW, 5KW, 6KW



Three Phase Inverter

6KW, 6.6KW, 8.8KW, 11KW, 12KW, 15KW, 20KW, 25K, 30KW, 33KW, 50KW
60KW, 70KW, 80KW, 100KW, 110KW, 125KW-HV, 136KW-HV, 255KW-HV

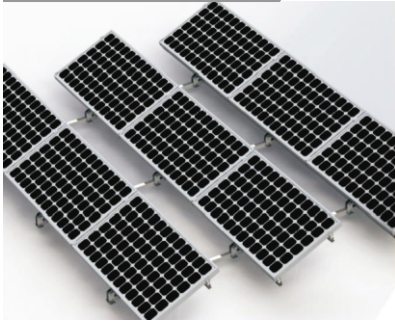


Hybrid Inverter

3K-HYB, 3.6K-HYB, 5K-HYB

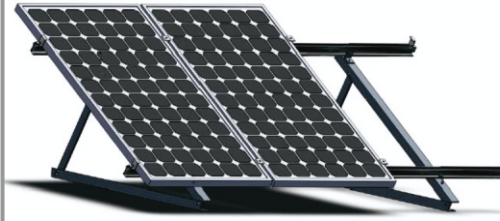


Ballasted



Ballasted Mounting System is a highly engineered solution that secures the array without damaging the flat roof. Component configuration suitable for any complex roof. Structures are made from lightweight and strong aluminum alloy. The Ballasted Mounting System comes pre-assembled and pre-cut to prevent corrosion and save your labour cost and installed time

Flat Roof



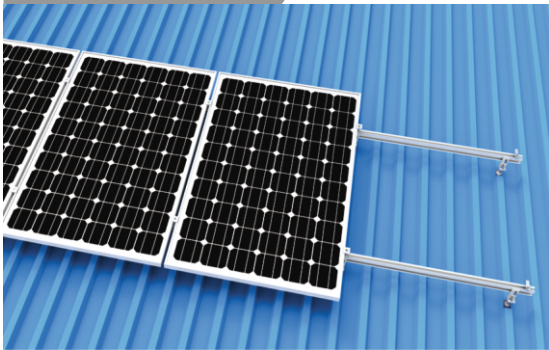
Flat Roof Mounting System is developed to mount the panels tilted on certain angle on a flat roof or ground. You can have the fixed or adjustable angle solution as according to you exact requirement.

Tile Roof



- URE Tile roof system designed for pitched tile roof.
- Designed with great flexibility both for commercial and residential roof.

Metal Roof



- URE Metal Roof solution designed for pitched metal roof
- Designed with great flexibility both for commercial and residential roof

Pile-Ground Mounting System



- URE Pile Ground System is applied for large commercial and utility PV systems on non-sandy ground, suitable for both framed and frameless module installation.
- Ground system, open post can be pile into ground 1-2 meters by pile machine quickly, then easily mounting the pre-assembled Al-Beam structure, B-Rail with clamps.

Product Features

1. Easy installation:

- Click in system, smart and easy for installation
- Universal end/middle clamp suit for 30-55mm panels
- 5 components for vertical mounting
- 6 components for landscape mounting

2. Safety and Reliability:

UL, RU, ISO, SGS, MCS, TUV, AS/NZS1170, CE certified



Technical Parameters	Ballasted	Flat Roof	Tile Roof	Metal Roof	Pile-Ground
Installation Site	Flat Roof top	Flat R.C.C. Roof	Tile Roof	Flat or Tilt Metal Roof	Open Ground
Tilt Angle	10°	15° to 25°	5° to 25°	2° to 22°	0° to 22°
Foundation	Concrete Ballast Block	Concrete Block and Ground Screw Piles	Anchoring to Roof	Riveting or screwing to purlin of existing structure	Piling
Material	Anodized Aluminium Al6005 or HDGI - T5 & SUS 304 fastener				
Load Capacity	0.15-0.18KN/m ²	NA	NA	NA	NA
Distance between 2 rows	1m~2m	1m~2m	1m~2m	1m~2m	1m~2m
Snow Load	upto 2KN/m ²	upto 1.4KN/m ²	upto 1.4KN/m ²	upto 1.4KN/m ²	upto 1.4KN/m ²
Wind Load	upto 50m/s	Flat Rooftop or open field	upto 60m/s	upto 60m/s	upto 60m/s
Layout	1 panel Landscape	1-2 panel Portrait	1-2 panel Portrait	1-2 panel Landscap/Portrait	Portrait/Landscap
Max wind speed	upto 50m/s	upto 60m/s	upto 50m/s	upto 50m/s	upto 50m/s
Building Height	-	upto 20m	upto 20m	upto 20m	NA
Certification	-	-	MSC, AS/NZS 1170, SGS		

UR Energy is helping clients make energy decisions that reduce carbon footprints and are good for the environment.

UR Energy designs, installs, maintains, and finances retrofit, equipment replacement and other power projects to improve the installed Rooftop Solar System's energy generation of our clients in the commercial, industrial and multi-family residential facilities. We operate in 3 States in India and take forward to open up offices where green energy generation incentives are offered. UR Energy has installed Rooftop Solar Systems to almost 77,500 clients within a short span of 2 two years globally resulting in hundreds of energy and monetary gains for our clients.



CUSTOMER CARE

Our customer service executives face the constant challenge of simultaneously meeting customer expectations and business cost goals. This report outlines four steps to optimize and innovate on customer service operations. We are using the digital platform that has empowered today's consumers by giving them an ever-increasing number of ways to access information and interact with businesses.

Key **Customer Care** takeaways strategies : UR Energy with its enthusiastic and committed team of 120 engineers offer:

A. CUSTOMER CARE SERVICE: Easy to talk and deliver

- Saving money and reducing operating expenses are priorities of our business. dedicated Call Centre with a Toll free communication is available for live support within 48 hours of the complain registration depending on the nature of the fault.
- A Real Time Monitoring Program has made a majority of our products and services available with no out-of-pocket costs. The installed systems are monitored online and real time performance data generated.

B. DELIVERING GOOD CUSTOMER SERVICE: with a disciplined approach

- A Live Chat inquiry as part of customer interactions, we enjoy superior results than other companies. This enables us to provide more detailed information consumers need in a very concise and customized manner.
- Reducing costs means improving profitability and real time monitoring of the system's generation data helps identify the technical snag within hours of its reporting some of which are resolved directly on phone.
- Quick after sales services within 48 hours of the duration for minor repairs or advice.

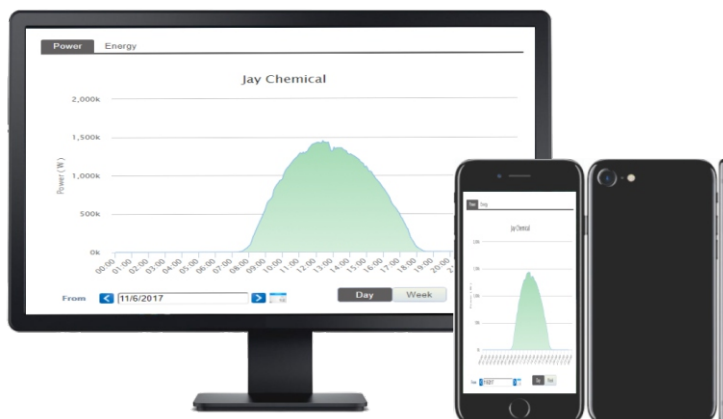
C. CUSTOMER SERVICE TECHNOLOGY STRATEGIES: focusing on business and customer value.

- Retail complains through a specially designed easy to operate Mobile App.
- A techno-joint venture with 100 per cent of its products and an Inverter manufacturing facility caters to the client's complaint within 48 hours of registration/inquiry.
- The priceless guarantee is an added advantage to the customers.
- There never has been a better time to reduce operating costs, save money, save energy, save the environment and help reduce our dependence on fossil fuels.

270 KW

Zydus Infrastructure Pvt. Ltd.
Changodar, Gujarat.





Solar technologies demand managing the installed systems efficiently. The company's O & M team is geared to meet the performance criteria of Solar systems. As plant grows older, O & M becomes more and more crucial to enhance and improve the performance of the system.

U R Energy has put in place a comprehensive O & M Policy for 25 years at a pre-decided rate for performance of solar system. The salient features of the O & M Policy include:



Preventive Maintenance: Routine inspection and servicing of equipment which help prevent breakdowns and reduce energy yield losses. A dedicated O & M team visits the site at scheduled intervals for preventive maintenance.



Corrective Maintenance: Repair of any damaged equipment which is carried out after the fault / flaw is reported. The O & M team immediately attends the fault and solves the problem within stipulated timeline to maintain the efficiency levels of the system.



Online Monitoring: Daily monitoring of solar power generation against the expected output. This is carried out on a real-time basis. The process addresses a potential problem at a very early stage to prevent downtime. Fluctuations in power generation are immediately addressed and corrected on phone or at the site.



Cleaning Panels on Regular Basis: The most critical performance parameter of a rooftop solar system is to have clean panels. The company offers cleaning services at regularly defined intervals to ensure that output of the rooftop solar plant is maintained at its estimated levels.

4.25 MW

SOLAR PARK
Shah Foils, Asian Tubes, KPTL,
Rockwell Minerals, – Khadol, Dhansura,





Generated through online application of MNRE namely SPW developed by NIC



Govt. of Gujarat



GEDA

Central Government



Govt. of India
MNRE
APPROVED



ISO 9001
ISO 14001
OHSAS 18001

AUTHORISED DISTRIBUTOR







let there be light





10 MW Jay Chemical Industries Ltd.,
Khambhat, ANAND, Gujarat



4.25 MW - Solar Park
Shah Foils, Asian Tubes, KPTL,
Rockwell Minerals - Khadol, Dhansura,



1.42 MW Asian Tube Ltd.
Chhatral & KADI, Gujarat



1 MW Dhruv Cotton
Jasdan, Gujarat.



4 MW King Yarns
Amod, Bharuch



270 KW Zydus, Changodar,
Ahmedabad, GUJARAT.



1.5 MW Samarth Diamond
Visnagar, Gujarat



1.8 MW Sumitomo Chemicals
Bhuj-Mundra Road, BHUJ-KUTCH



990 KW Inductotherm
Sanand, Gujarat



200 KW AmulFed Dairy, Bhat,
Gandhinagar, Gujarat



200 KW IOCL, Gujarat Refinery Twp,
Karachiya, Vadodara, Gujarat.



1 MW Skywin Spinning Pvt.Ltd
Sanosara, Gujarat



265 KW Shree Hans Alloys,
Dholka, Ahmedabad, Gujarat



650KW Greenply
Bamanbore, Rajkot, Gujarat



120 KW Airport Authority of India,
Aurangabad, INDIA



270 KW Ganpat University
Mehsana, Gujarat



98 KW Hindustan Gining,
Bailhongal, Karnataka



130 KW Patel Airtemp,
Santej GIDC, Ahmedabad, Gujarat



123 KW Seascope Metalising Pvt. Ltd.
Vasai, Maharashtra, India.



225 KW Hi-Tech Saw
Sanand, Gujarat



104 KW Ornate Print Tech Pvt. Ltd
Ahmedabad, Gujarat



250 KW Bhagwati Flour
Kalol, Gujarat



44 KW Rajendra Cold Storage,
Matoda GIDC, Rajkot, Gujarat



400 KW HTL Metals Ltd.
Hindupur, Andhra Pradesh, AP, India.



25MW installed in more than 7000 residential solar projects all over Gujarat



"When we decided to set up the project there were 3 main factors i.e. installation time, Cost and who would promise more on service. U R Energy was best in all 3 segments so, we did not have any choice but to select them. The team deployed by U R Energy was very understanding & Co-operative. What they promised initially we thought they will not be able to implement in so short time but they did it. The cost was also on the reasonable side though not the lowest but eventually when the project got over they were the most cost efficient. Whatever small customisation / safety requirements we asked for was fulfilled by U R Energy amicably, which speaks a lot about their flexibility in executing the project.

DHRUV COTTON PROCESSING PVT LTD
(Mr. Mehul Boghara, Director)



"With reference to the working with U R Energy on our 2 MW solar power plant at Khambhat was a great experience. They are having good infrastructure, team of people right from designing to installation and liasioning with Govt. authorities for various approval and thereafter on site support and O & M services. It was a great challenge for time bound installation in approx one month but their team worked hard and completes the project within time schedule. Also the generation of electricity is up to the mark and in line with their promise. In short, overall experience of working with U R Energy was very good and we will be happy to work with them again in near future. Also we will recommend U R Energy to other Companies planning to install solar plant."

JAY CHEMICALS INDUSTRIES LTD.
(Mr. Jayendrabhai Kharawala, Chairman)



Going solar with U R Energy has been great experience!. We are very much impressed with the professionalism of entire U R Energy team.

We have installed 1.42 MW solar power plants at our factories. Solar system provided by U R Energy consists of world class quality products. Generation of solar power is very good and it has started reducing burden of our electricity bills.

We are very satisfied with the service, installation & performance and cost effectiveness of the solar power system. Thanks to U R energy, we feel proud to contribute to keep our environment.

We are very much satisfied with the work and will definitely recommend U R Energy to others!

We wish bright success to U R Energy.

ASIAN TUBES LIMITED
(Mr. Aditya Agrawal, Director)



We would like to take the time to express my appreciation for the remarkable work our university has received from U R Energy regarding the 270kw solar power system installed at our campus. This is providing learning experience for our students. We are very impressed with the quality of products as well as of efficient and hard working team of U R Energy.

We are completely satisfied with the professional services we have received as well as the opportunity of receiving government incentive for being involved in project. This will save energy and cost.

After successful installation and working of this solar plant, we are looking forward to install more plants in our campus.

GANPAT UNIVERSITY
(Mr. Ganpat Patel, Chairman)



"The installation process was very good indeed. I've been impressed with UR Energy's performance throughout and the people working for them did their jobs brilliantly. They didn't interrupt our business, they stayed out of the way and their health & safety practices were spot on. I would recommend them to any other company considering solar for their business to cut costs and reduce their carbon emissions."

Mr. C R PATEL (Customer)

"Working with UR Energy on our solar project was a great success and they have a good team of people right from when the initial consultation starts, through the design process, project sign off and installation on site. I would be more than happy to work with UR Energy again on another project in the near future."

Mr. DHIRAJBHAI MALAVIYA (Customer)

"Everyone at U R Energy, from the initial application process though to design and installation, has been top notch. They were genuinely interested in making me a happy customer."

Ms. ADITI MASHRUWALA (Customer)

Three pillars of URE Philosophy



URE in Media






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