



BREL
Empowering Green Nation



BHAGIRATH RENEWABLE ENERGY PRIVATE LIMITED

www.brelindia.com



Bhagirath Renewable Energy

A team of experts optimizing development solutions with a view to create a sustainable future. We continuously expands our knowledge through research and by keeping a close eye on the latest developments in renewable energy. Leading sustainable development solutions for future generations is one of our primary goals.

We are pioneers in the renewable energy sector with a proven track record of several solar power plants in operation.

Based on our Indian foundations we integrate planning, designing, customize, implement and capitalize smart eco-friendly energy solutions that will both power the future and decarbonize the world.

We develop and build full turnkey solar power projects. We deliver engineering, procurement, construction (EPC), as well as Project Management Consultancy (PMC) and Operation and Maintenance (O&M) services to our customers globally.



MISSION

To become a leading solar and renewable energy turnkey project solution provider.

VISION

To accelerate the transition to an affordable and sustainable renewable energy solution globally, resulting in reduction of carbon footprints and creating a brighter future.

VALUES

Integrity To become a leading solar and renewable energy turnkey project solution provider.

Customer Satisfaction Customer satisfaction is our priority.

Innovation We constantly upgrade and implement cutting-edge technologies.

Sustainability We are shaping the world's energy future in harmony with nature.

Safety We ensure the highest level of safety at each level.



Strengths

Integrating long term partnerships for creation of high value of renewable energy projects.

Define, design, customise and execute, utilizing the best available resources.

Services

We develop and build high-quality turnkey solar power projects. Our globally experienced team offers best-in-class Engineering, Procurement, Construction (EPC), Operation and Maintenance (O&M) services, ensuring customer-driven value creation. services, ensuring customer-driven value creation.



Engineering

Solar energy projects require a multidisciplinary and multi-dimensional approach, and our design and engineering professionals ensure optimum value additions of our dedicated suppliers and technical partners. additions of our dedicated suppliers and technical partners. additions of our dedicated suppliers and technical partners.



Procurement

To provide the best quality materials and components at the most competitive price, all the suppliers and manufacturers are subject to a rigorous valuation procedure. price, all the suppliers and manufacturers are subject to a rigorous valuation procedure.



Construction

Our project management processes are meticulously standardized during the implementation phase to ensure maximum efficiency, following a holistic quality monitoring approach at every stage. quality monitoring approach at every stage.

We analyse a wide range of data to ensure a structured and optimized project process and schedule, thus reducing the risks to our customers and on time delivery of the project. customers and on time delivery of the project.

Operations & Maintenance

Our O&M services ensure regular monitoring and maintenance. Our critical tasks also include performance monitoring and output follow-up.

Our O&M Services includes:

- Online monitoring
- Panel cleaning, troubleshooting, repair, energy analysis, commissioning/recommissioning
- Performance improvement
- Site Acceptance Procedures / Site Acceptance Tests
- Protective and corrective maintenance & repair services
- Enhanced and preventive maintenance & repair services
- A-to-Z underwritten technical services
- Maintenance & repair management and reporting
- Protective maintenance & repair optimization
- Corrective maintenance & repair
- Claims & license management
- Inventory management & procurement
- Vegetation control



“BUSINESS PARTNER”

PROMAX POWER LIMITED, India

Epc Partner

Promax has the core capability and competency as a preferred, trusted and reliable partner in the construction of Electrical Projects, domains of civil, mechanical and electrical works in Industry, Transmission & Distribution, Building Electricals, Power Plants. The experience is start-to-end EPC Electrical Projects.

Promax provides engineering, procurement, construction, project management and Commissioning services on a Turnkey basis to the Power Sector leveraging its proven project management and delivery experience of over 16 years, its construction capability, engineers and domain experts.



SUNLIGHT INFRA ENERGY PRIVATE LIMITED, India

Solar Panel, Solar PV Pump Sets & Street Light Manufacturer

Sunlight Infra Energy are a specialized manufacturer of, Solar Panels - Polycrystalline & Monocrystalline, LED Signals, Solar Lighting System, Solar Photovoltaic Pump Sets for Agriculture & Irrigation purposes, Solar Home Lighting System, Solar Street Lighting System etc. In addition to this, Solar Infra Energy manufacture superior quality Solar Lantern, Solar Led Road Studs, Solar Power Packs etc.



MAXBO SOLAR ENERGY

SHAANXI MAXBO NEW ENERGY CO., LTD. CHINA

EPC Manufacturer & Supplier for Solar Panel, Solar PV Pump Sets & Street Light

Maxbo Main categories of Designing, manufacturing & Supplies of Battery Energy Storage System Container, Solar Energy System, Solar Water Pump & Inverter, Portable Solar Power Station, Foldable Solar Panels, Solar Panels manufacturing capacity of 1.5 GWac Per Annum.



Under Exclusive Business Alliance with Bhagirath BVM Grand (HK) Limited, Hongkong for India market

COSMIC PV POWER PRIVATE LIMITED

Solar PV Modules Manufacturer and Renewable Energy Company

Cosmic PV Power Private Limited is a Gujarat Based, one of the India's Fastest Growing Solar PV Modules Manufacturer and Renewable Energy Company. Cosmic Solar EPC Vertical now has a cumulative experience of over 2000+ Installations and adding up to a Portfolio of 125 MW every year by Producing Poly and Mono crystalline Solar Panels from its automated Production Facility with highest standards of Quality.

Under Exclusive Business Alliance with Bhagirath Renewable Energy Private Limited, for India market



PROJECT MANAGEMENT CONSULTANCY - PMC

Our PMC services encompass feed engineering, detail engineering, project planning, risk management, supply chain management, resource selection, scheduling, budgeting, quality control, and communication to ensure the projects are completed efficiently on time and within the budget.



Quality Assurance

We always aim at maintaining highest level of quality standards in the range of Solar Panels, Solar LED Lights, Solar Street Light And Solar Photovoltaic Pump Sets offered by us. We are ISO 9001:2015 certified company. In order to maintain the quality of our products, the entire range of products are manufactured and supplied using high-grade raw materials procured from the reliable sources.

We also ensure to adapt latest technology, methodology and sophisticated equipment for carrying out production related processes at our manufacturers plants. Moreover, the product range offered by us confirm to the international quality standards.

We have a team of quality control professionals to keep a check on the procurement, design, fabrication, packaging, construction and others related issues.



Our Team

- Design & Engineering Professionals
- Project Managers
- Quality Controllers
- Sales and Promotional Experts
- Professional Trainers
- Packaging Experts
- Warehousing Experts
- Skilled Employees
- Unskilled Employees



Products and Customised Solar Power Generating System Range

Solar Panels

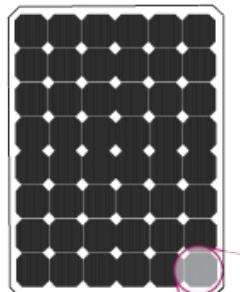
Our solar panels are premium quality and designed to last for decades. Our facility has stringent quality check procedures, paired with superior raw materials and a highly skilled workforce. The panels are also certified to function at optimal performance for various geographic and adverse climatic conditions.

Each panel manufactured at our associated production facility, undergoes a series of stringent performance tests for various geographical and climatic conditions.

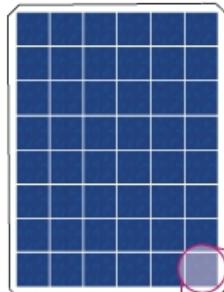
Our Solar Panel Power Capacity Range: 50wp, 60wp, 75wp, 100wp, 120wp, 150wp, 250wp, 340wp and upto 540wp.



Types Of Solar Panels



Monocrystalline
Solar Cell Panels



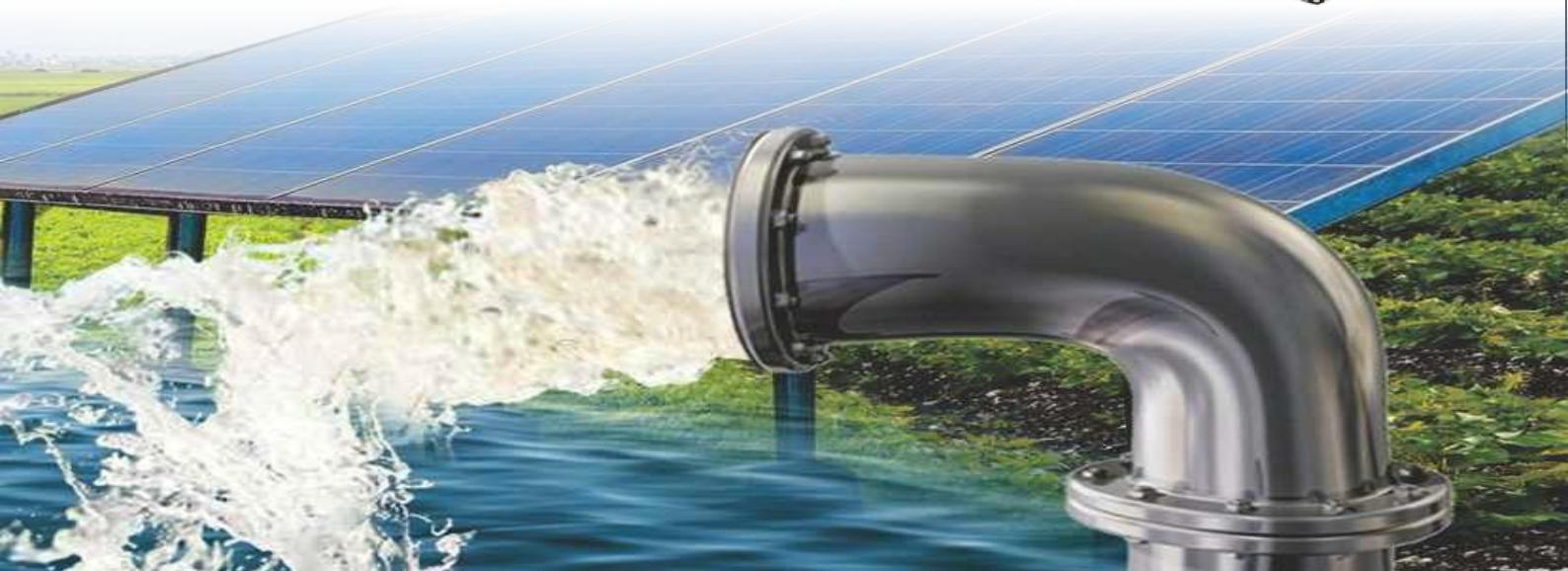
Polycrystalline
Solar Cell Panels

Key Features:

- Durability Against Extreme Environmental Conditions High salt mist and ammonia resistance certified by TUVNORD
- PID Resistance
- Excellent Anti-PID performance guarantee limited power degradation for mass production (Potential Induced Degradation) under the test conditions.
- High Efficiency Higher module conversion efficiency (up to 21.30%) benefit from half-cell structure (low resistance characteristic).
- Low-light Performance Advanced glass and cell surface textured design ensure excellent performance in low-light environment
- Severe Weather Resilience Certified to withstand:
 - Wind load (2400pascal)
 - Snow load (5400 pascal)

SOLAR PHOTOVOLTAIC PUMP SETS

Our solar pump sets comprise of solar submersible pump, solar surface mono-block pump and solar open-well pump ranging from 1HP to 50HP (AC, DC & Hybrid).





Solar Street Lights

Our low maintenance, high efficiency solar street LED lighting systems ranging from 9W to 50W.

Solar On-Grid System

Solar Photovoltaic Power Generator comprises SPV modules for harvesting sun energy, solar deep cycle battery for storage, and a PCU for conversion from DC to AC and Electricity source as well as a complete set of installation hardware.

In on-grid System there is back the Solar power is synchronies with grid Power and you can clean and green power. It will reduce your electricity bill along with that major industry, factory hospital, hotel can go for accelerated depreciation. Usually the pay back is less than 4-5 year.

Solar on grid system package range: 3KWA, 5KWA, 10KWA, 20KWA, 50KWA.



Solar Off-Grid System

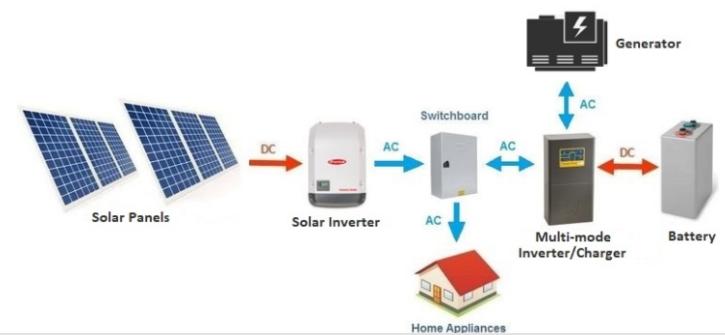
Solar Photovoltaic (SPV) produces DC electricity directly from the sunlight and is extremely simple to operate and maintain. They have a long operating life wide highly reliable and trouble free performance. These are totally noiseless and do not produce any environmental pollution or ecological imbalance.

This energy sources are totally modular in nature, therefore, the cost per unit installed capacity does not depend very much on the size of the Power Plant.

All these important advantages make Solar Photovoltaic Electricity eminently suitable for Various important applications. SPV electricity may turn out to be the ideal solution, particularly in remote location, where grid transmitted and centrally generated electricity is unlikely to be economical, and where the availability of such electricity cannot be guaranteed on reliable basis. This is due to the fact that the fuel, i.e. The sunlight is available right at place of use and it does not require qualified technical personnel to operate and maintain the SPV energy source.

Indeed, Solar Photovoltaic are rightly projected as one of the most important renewable energy source to the supplement and compliment the electrical energy requirements of the dispersed and energy-deficient population living in the remote and inaccessible areas.

Solar on grid system package range: 500W, 1KWA, 2KWA, 5KWA, 10KWA.





Bhagirath Renewable Energy Private Limited

Reg. Office :- 526 Iscon Emporio, Next to Star Bazaar, Satellite Road, Satellite, Ahmedabad, Gujarat 380015 India

Head Office :- 402 Luxuria Business Hub, Near VR Mall Udhana, Magdalla Road, Dumas Road, Surat Gujarat - 395007 India

CIN U36990GJ2019PTC09877



www.brelindia.com



info@brelindia.com

© Copyright BREL 2023.
All rights reserved.