



**SOLAR
POWER
SYSTEM**



**RESIDENTIAL
COMMERCIAL
INDUSTRIAL**



Our Companies **UHU POWER PRODUCTS & SERVICES** and **USMAN ENGINEERING WORKS** offers complete Solar Power generation solutions with market competitive affordable prices which provide continuous electricity without load shedding & minimizing the cost of your power consumption.

Our range of products include among best brands of Solar Panels, Inverters & Batteries with all the latest new technology & accessories.

UHU Group is also one of the leading authorized Importers & Distributors of Perkins & Cummins Diesel Engines (10kVA - 2,000kVA), FAW & ISUZU Diesel Generators (15kVA - 50kVA), & Other Gasoline Generators (2.5 kVA - 10 kVA).



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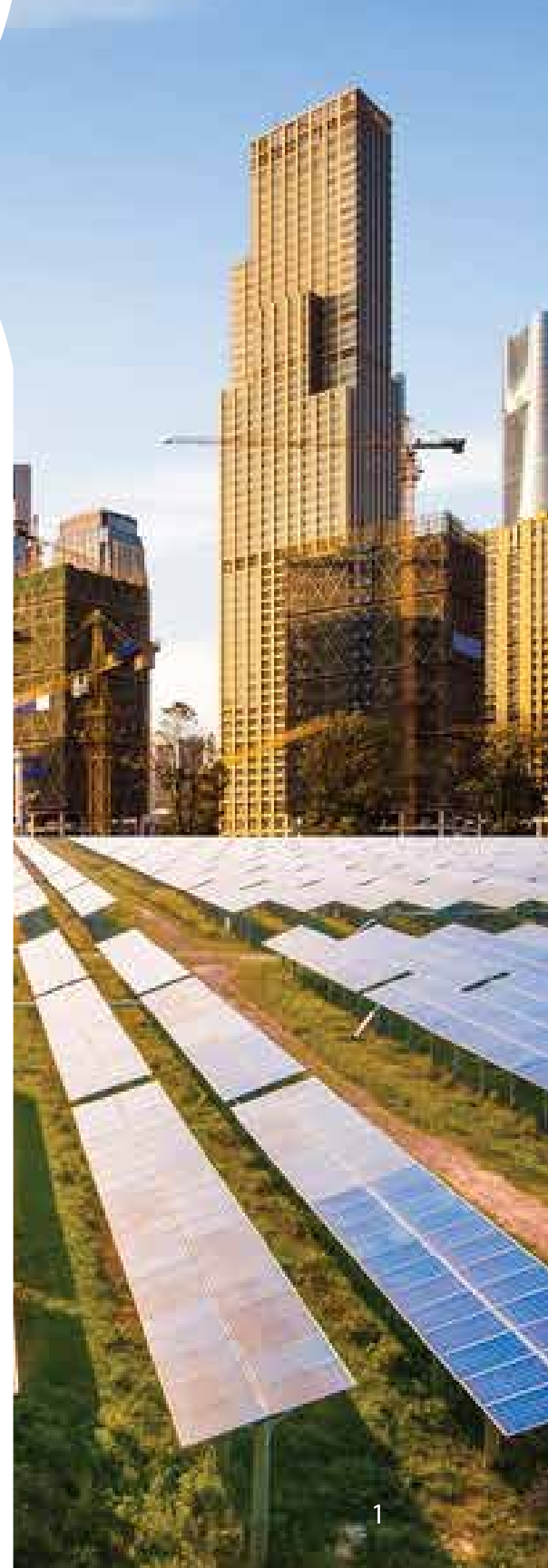
OUR MISSION

Pakistan is currently among those countries which are among the most endangered with the severe adverse effects of climate change which includes change in weather patterns, rise in temperatures, droughts, heat waves, etc

Energy production through fossil fuel burning produces green house gases which degrades the air quality and increases health hazards.

By providing the low cost clean and renewable energy solutions, we as a company aimed to minimize the risk to the people and minimize the adverse environmental effects.

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OUR VISION

UHU Power Products & Services has a vision :

- To develop alternate, renewable and sustainable energy sources.
- To improve the energy consumption patterns.
- To provide clean and green energy to the people.
- Provide economical solar energy solutions.
- Bring awareness to the people about solar power and renewable energy.

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SOLAR POWER SYSTEMS

- RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL



RESIDENTIAL SOLAR SYSTEMS

UHU Power Products & Services provides complete solar system solutions for residential customers. We provide solar systems from 3 KW up to 30 KW for residential systems with or without net metering.

Tell us your routine electricity consumption and load requirements and we will give you a sustainable and reliable system which will be specially customized according to your energy requirements in a cost effective and economical manner.

We install solar systems keeping in mind all the safety precautions which are necessary and only use high quality material during installation. Our experienced team will provide you complete guidance regarding solar system and will be ready for after sales service when required.



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COMMERCIAL & INDUSTRIAL

UHU Power Product & Services, provides complete solar system solutions for commercial and industrial customers. We provide solar systems from 10 KW up to 1 MW for commercial and industrial clients with or without net metering.

10 KW – 100 KW solar power systems are designed to manage the energy requirements of commercial units like shopping plazas, restaurants or warehouses etc.

Our experienced and professional experts provides complete guidance for the commercial clients in selection of right system which will accomplish the energy requirement for industrial clients, and usually the system of 100 KW or above solar power system are designed.



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The detailed survey of location is conducted for the measurement of specific industrial requirement and then the customized system is designed as per energy consumption.

Our Technical experts will present best optimized options after noting energy requirement and making feasibility.

Our team provides guidance for solar panels selection, selection of inverter types, battery backup power requirement, and going with either On Grid, Off Grid or Hybrid Systems, and makes it easier for you the selection of best suited system. We also provide technical support and maintenance facilities after the completion of projects.



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SOLAR PANELS

UHU Power Product & Services provides and install Tier-1 Solar Panels for better efficiency and maximum power generation. Our Solar Packages include leading solar brands like Canadian Solar, Jinko Solar, JA Solar, Trina Solar and Longi Solar.



SOLAR INVERTERS

UHU Power Product & Services provides and install Tier-1 Solar Invertors to ensure maximum power generation from solar panels. for better efficiency and maximum power generation. Our Solar packages include leading solar brands like Huawei, Solis, Growatt, Sungrow, Sofar and Goodwe.



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- ON GRID
- OFF GRID
- HYBRID

SOLAR POWER PACKAGES

ON GRID SOLAR POWER SYSTEM INCLUDES

Our On Grid Solar Power System Packages includes:

- Tier-1 Solar Panels.
- On Grid Inverters.
- Ground Mounted or Elevated Structure.
- High quality electrical Wiring.

OFF GRID SOLAR POWER SYSTEM INCLUDES

Our Off Grid Solar Power System Packages includes:

- Tier-1 Solar Panels.
- Off Grid Inverters.
- Ground levelled or Elevated Structure.
- Tubular Or Lithium ion Batteries.
- High quality electrical Wiring.

HYBRID SOLAR POWER SYSTEM INCLUDES

Our Hybrid Solar Power System Packages includes:

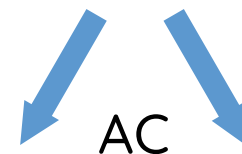
- Tier-1 Solar Panels.
- Hybrid Grid Inverters.
- Ground Mounted or Elevated Structure.
- Tubular Or Lithium ion Batteries.
- High quality electrical Wiring.



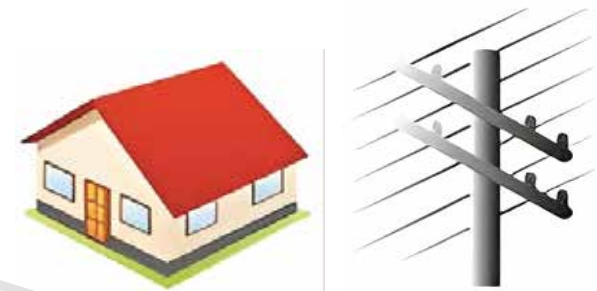
DC



Solar Inverter



AC





NET METERING

Our firm **Usman Engineering Works** offers net metering documentation services to our valuable clients. Currently Pakistan has a 6 % share of renewable energy of total installed capacity which is very low. The Country has aimed to increase the share of electricity generated by alternate and renewable sources up to 30% by 2030.

The recent introduction of net metering systems for solar installations allows the consumers to sell power to the grid. If the energy through solar panels are generated more than the requirement of the customer than the extra energy will get returned to the grid via bi-directional meter or net metering system. In this way the consumer can sell out excess power and get financial benefits.

To encourage the consumers to shift to renewable energy especially solar power, the government offers generous tax benefits to investors, encourages lower tariffs by introducing competitive bidding, and incentives for the local production of renewable energy equipment which will empower the residential, commercial and industrial sector and will also reduce the load on national grid.

The approach of installation of rooftop solar power systems for homeowners, commercial consumers and industries presents them an opportunity to not only generate maximum possible energy for their own use but also gets financial benefits by returning the excess energy to the grid. This is best opportunity for the residential, commercial and industrial consumers who have sufficient rooftop space and land available to get benefited from this approach.

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UHU GROUP OF COMPANIES

UHU Power Products & Services was established in Karachi-Pakistan in 2008, we started as a small trading company and over the time we have grown to be an ambitious group of companies comprising over 3 companies namely Umer Brothers, Usman Engineering Works & Al-Rizq & Co. catering to serve the needs in various sectors of Pakistan.

We are one of the leading Importer, Wholesaler & Distributors of Industrial / Residential Generators, Alternators & other power equipments.

UHU Power Products & Services with name of UHU Solar now offers complete Solar Power Solutions with market competitive affordable prices which provides you continuous electricity without load shedding simultaneously minimizing the cost of your power consumption.

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We are Equipped with:

- Well experiences supervisory staff.
- Quality control system to achieve the production as per required specification.
- All kinds of machinery.
- Unit working round the clock to achieve the targets.

We look forward to a favorable response and assure you that our services will meet your standard and expectations. We are always there to serve to the best of customer's convenience.

We are confident to prove the worth of our words, if the opportunity provided for test and trial.

Thanks & Best Regards

Sincerely yours,

UHU POWER PRODUCTS & SERVICES

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