



## Conclusion:

At iPower Electrical Engineering Solutions, we are dedicated to delivering excellence in electrical engineering. We look forward to the opportunity to collaborate with you on your next electrical project, providing innovative solutions that meet and exceed your expectations.

Customize this company pro s.a.r.l

file template to accurately represent your electrical engineering company's unique strengths, experiences, and services. Consider adding images, diagrams, or other visuals to enhance the profile's visual appeal and showcase your past projects.



A large, stylized graphic element on the right side of the page features a photograph of a solar panel array at sunset. The sky is filled with warm orange and yellow hues. The solar panels are dark blue with a grid pattern. A thick orange border surrounds the image, which is set against a teal background. In the center of this teal area, the words "COMPANY PROFILE" are written in large, white, sans-serif capital letters.



For inquiries or to discuss your electrical engineering needs, please contact us.

## Contact Us

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# COMPANY PROFILE

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## Electrical Engineering Solutions

Where Science, Technology, and Innovation Converge



WER  
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# ipo



## OUR CONTENT

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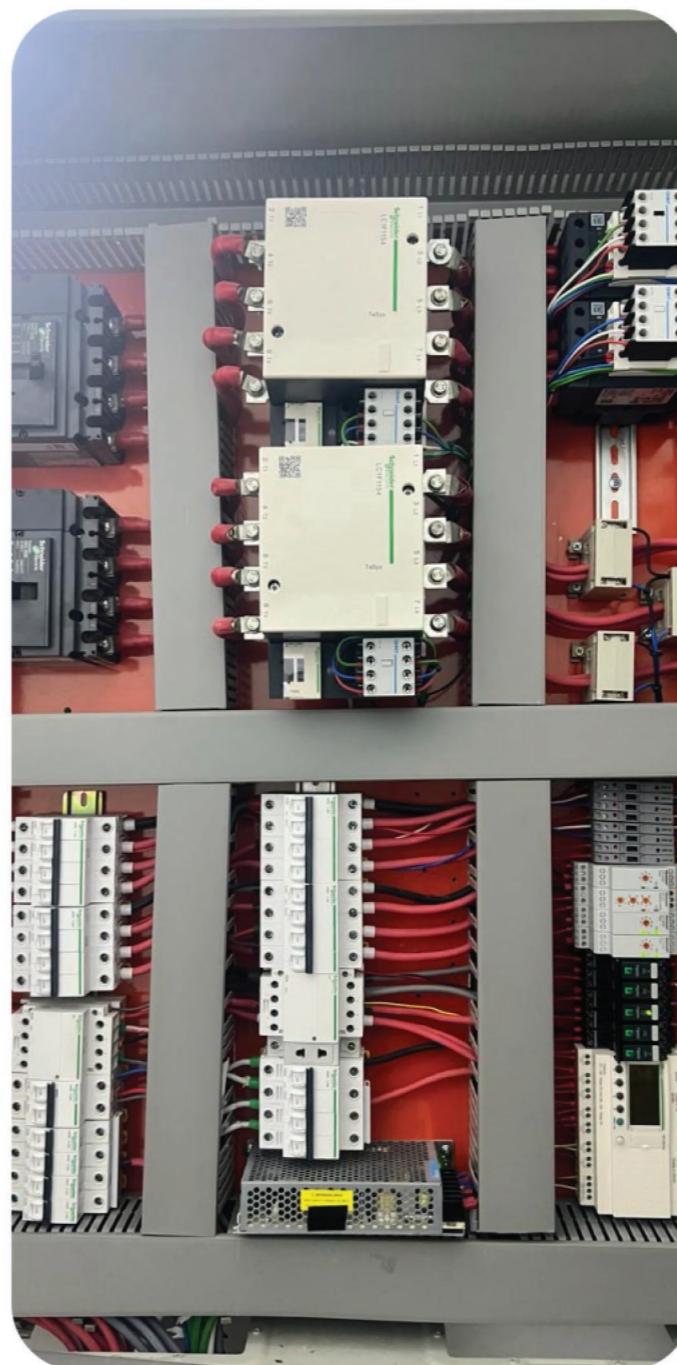
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# ABOUT COMPANY

iPower is a leading electrical engineering solutions provider, committed to delivering innovative and sustainable solutions in the field of electrical engineering. With a team of highly skilled professionals and a focus on cutting-edge technology, we have consistently provided exceptional electrical engineering services to clients across various industries.



is their versatility and scalability. Whether it's a small-scale custom solution or a large-scale system, our team of experts can provide a range of options from load shedding during peak demand periods to seamless transitions between power sources. Our ATS units are designed to be reliable and efficient, providing a comprehensive solution for managing diverse power needs.



One of the key features of our auto transfer panel boards is meeting the unique needs of residential installation or a complex industrial facility, our company can accommodate the specific requirements and budgetary constraints of any project. From the integration of renewable energy sources, our panel boards can manage multiple energy inputs and ensuring uninterrupted power supply.



# COMPANY OVERVIEW

iPower s.a.r.l established in the beginning of 2011 in, batoulay main street ksara area till 2018 the company moves to Abbaseye near LDC main street



Solar energy is bound to be in our future.  
There's a kind of inevitability about it.

# OUR EXPERTISE

At iPower, our expertise encompasses a wide range of electrical engineering services, including but not limited to:

- Electrical system design and planning
- Power distribution and control
- Control systems and automation
- Lighting and energy-efficient solutions
- Electrical safety and code compliance
- Medium voltage electrical rooms

*The energy  
that never  
goes out of  
style*



Our auto transfer panel boards are engineered to prioritize efficiency, safety, and reliability. With built-in intelligence and sophisticated control algorithms, these systems automatically detect changes in power availability and seamlessly transfer the load to the most suitable source, minimizing downtime and disruption. This dynamic capability not only enhances operational continuity but also optimizes energy utilization, helping our clients reduce costs and environmental impact.



At iPOWER, we understand the importance of uninterrupted power supply in today's dynamic energy landscape. That's why we offer state-of-the-art panel boards equipped with auto transfer capabilities, enabling seamless switching between multiple sources of electricity. Whether it's grid power, renewable energy sources like solar or wind, or backup generators, our advanced panel boards ensure reliable and resilient energy supply for critical applications, such as hospitals, data centers, and industrial facilities.



# OUR COMMITMENT

We are dedicated to providing safe, reliable, and energy-efficient electrical engineering solutions that cater to the unique needs of our clients. Our commitment is demonstrated through:

- Advanced electrical design and analysis tools
- Highly skilled and experienced electrical engineering teams
- A focus on sustainability and environmental responsibility
- Adherence to industry safety and quality standards
- Comprehensive project management from concept to completion
- A proven track record of delivering projects on time and within budget



# OUR SERVICES



## Electrical Design and Planning

We create detailed electrical design plans tailored to your specific needs, ensuring optimal functionality, efficiency, and compliance with industry standards.



## Power Distribution and Control

Our expertise includes the design, installation, and maintenance of power distribution systems and control panels for various applications.



## Control Systems and Automation

We provide solutions for process automation, PLC programming, and control system integration to optimize operations and productivity.



## Lighting Solutions

We design and install energy-efficient lighting solutions that reduce energy consumption and enhance workplace environments.



## Safety and Compliance

Our services ensure electrical systems meet safety standards and code requirements, keeping your facility and employees safe.

With our WiFi-controlled smart home devices, homeowners can remotely monitor and adjust their home environment from anywhere in the world using a smartphone or tablet. Whether it's turning off lights, adjusting thermostat settings, or checking surveillance cameras, our intuitive app puts control at your fingertips, providing peace of mind and enhancing security even when you're away from home. Plus, with compatibility with popular voice assistants like Amazon Alexa and Google Assistant, controlling your smart home has never been easier.

Our smart home technology goes beyond simple automation, offering advanced features such as machine learning algorithms that adapt to your preferences and routines over time. By analyzing usage patterns and environmental conditions, our systems optimize energy consumption, reduce waste, and lower utility bills without sacrificing comfort or convenience. Whether you're looking to upgrade your existing home or incorporate smart features into a new construction project, our customizable solutions are designed to fit your lifestyle and budget.



# AUTOMATION

As technology continues to reshape the way we live, IPOWER remains at the forefront of innovation with our smart home solutions. Leveraging the power of WiFi connectivity and cutting-edge automation technology, our smart home systems empower homeowners to control and manage their living spaces with unprecedented ease and efficiency. From lighting and temperature control to security and entertainment, our integrated platform offers a seamless and intuitive user experience, enhancing comfort, convenience, and energy efficiency.



# CLIENTELE

We have proudly served a diverse range of clients across various industries, including:

- Jabal ell ez restaurant in south Lebanon in 2013 with 150 KVA full load system
- 100KW on grid system bent Jubail hospital
- 250KW on grid system Screen electrotech company
- 60kw On grid system in bent Jubail in al Mabarrat school with Synchronized with three generators 100 KVA ,150 KVA and 200 KVA
- Amwaj El Bayada restaurant in al Bayada south Lebanon with 200 KVA full load system
- Hill side restaurant in Shamaa south Lebanon with 250 KVA load and water pump 50 hp group of 4 generators works on load sharing
- Solar pump system 50 hp in Byot El Sayyad near Mansori 11 hours daily use
- Solar pump system 60 hp in al Ezzeyle near Qulaili with daily use only
- Bent Jubail hospital load sharing board for 5 generators
- 15 kw hybrid system with Italian cimic team in bent jbeil university
- 15 kw hybrid system with Italian cimic team in municipality on yatar
- 15 kw hybrid system in municipality of QANA
- 50 kw 3 phase hybrid system in Toyota cars in tyre
- 8 kw hybrid system in mazda cars in tyre
- 30 kw 3 phase system in municipality of tyre
- Solar Street light in tyre main raods with Italian cimic team
- 30 kw hybrid three phase system in maron el ras Mr alaweye villa
- 30 kw hybrid three phase system in qulaili Dr abou Khalil villa
- 15 kw hybrid system in AL ATHAR SOUR
- Ongrid system 40 kw with Italian cimic team in Municipality of Kawnin

# PROJECTS

Here are some notable electrical engineering projects we have successfully completed:

- ongrid solar system of 250 kw in plastimid,
- re-arrange and new programming with delta plc and HMI for controlling the fuel save for generator in al-abbaseye for 220 kw solar system
- rearrange of solar project 100kw and synchronize with 5 generator by designing new ATS controlled by delta plc and deif fuel save controller



to optimize energy utilization throughout the day, urs and storing excess power for use during periods of dynamic interplay between generation and storage ncentives, such as net metering, while safeguarding

rid systems is their ability to adapt to varying energy unny day or a cloudy night, our integrated systems uring reliable and resilient power supply to residential ility but also contributes to the overall sustainability of ions and environmental impact



Our day and night hybrid systems are designed to harness the sun's abundant energy during peak hours, even when solar irradiance is low or electricity demand is high. This enables homeowners to capitalize on solar energy in real-time, protecting against utility rate fluctuations and power outages.

One of the key advantages of our day and night hybrid systems is their ability to seamlessly balance generation and consumption, ensuring reliable power for buildings. This flexibility not only enhances energy security but also benefits the built environment, reducing greenhouse gas emissions.

*The future is green energy, sustainability, renewable energy.*



## Quality Assurance:

Quality and safety are at the core of our operations. We adhere to the highest industry standards to ensure the longevity and performance of our electrical systems.

## Sustainability and Environment:

We are committed to sustainability and environmentally responsible electrical engineering practices, prioritizing energy efficiency and responsible resource use.

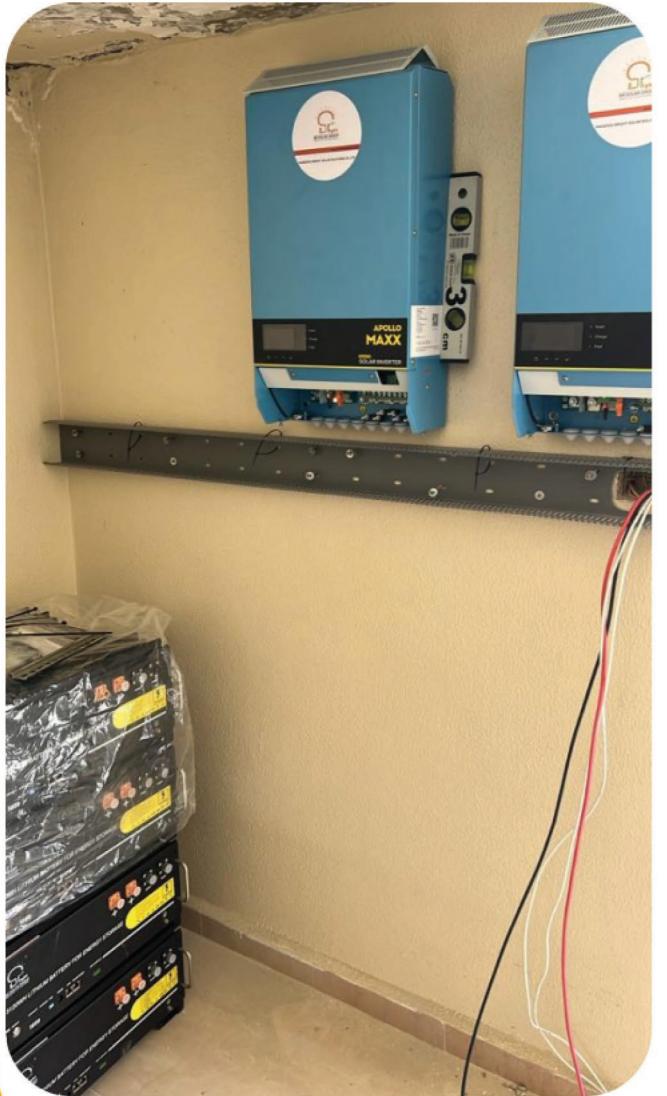
## Safety:

Safety is paramount in all our projects. We maintain stringent safety protocols to safeguard our employees, clients, and partners.

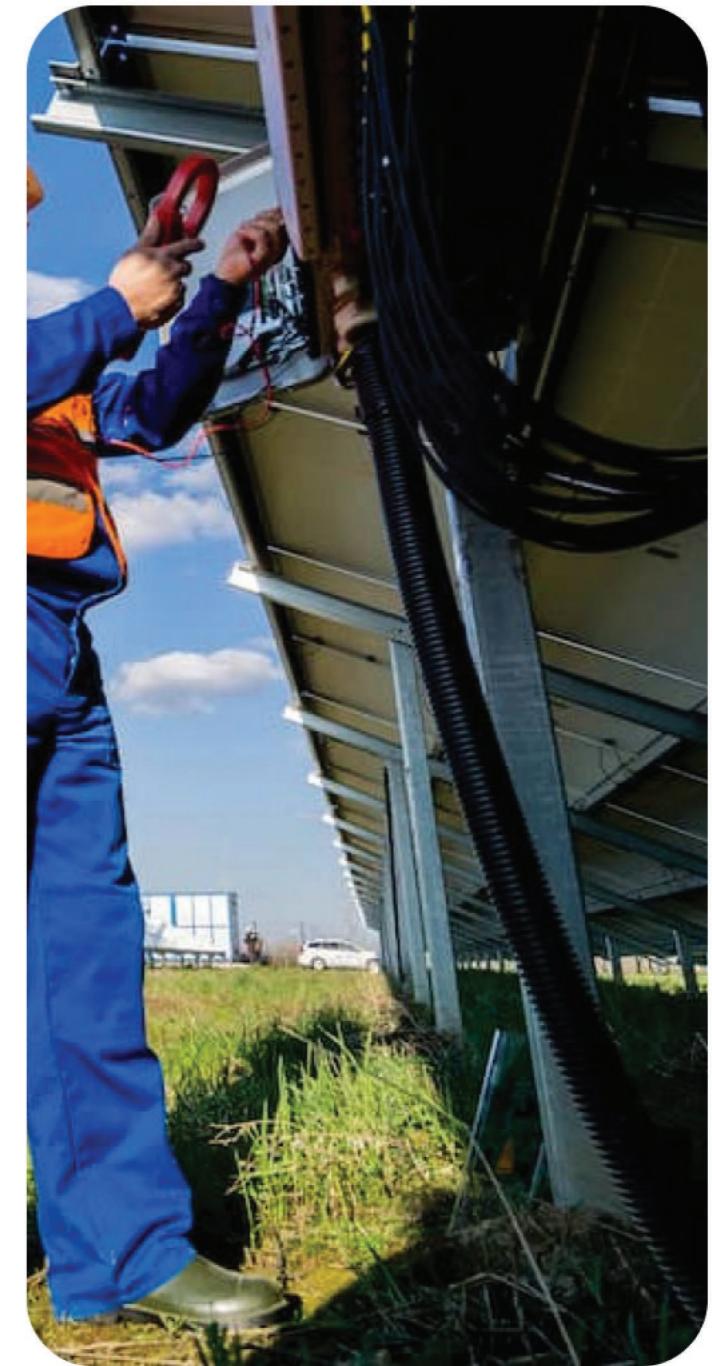
## Certifications:

List of Relevant Certifications and Accreditations

At [ iPower ], we take pride in revolutionizing the agricultural sector with our cutting-edge solar water pump solutions. Our portfolio boasts a series of landmark projects that have transformed farming communities worldwide. From arid landscapes to remote villages, our solar water pumps have empowered farmers to access sustainable irrigation, ensuring reliable water supply for crops even in the most challenging environments.

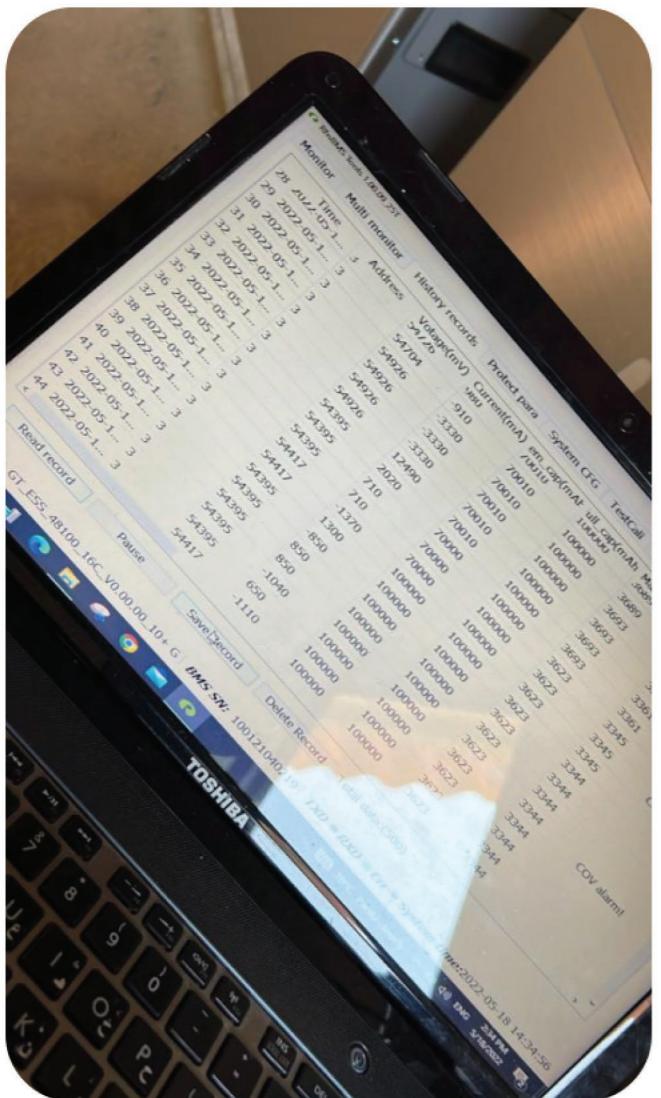


In addition, IPOWER pioneers the integration of day and night solar panels with energy storage solutions, our innovative system captures electricity during the day to stored energy for nighttime use. This not only ensures energy self-sufficiency but also minimizes reliance on the grid, reducing overall energy usage and costs.



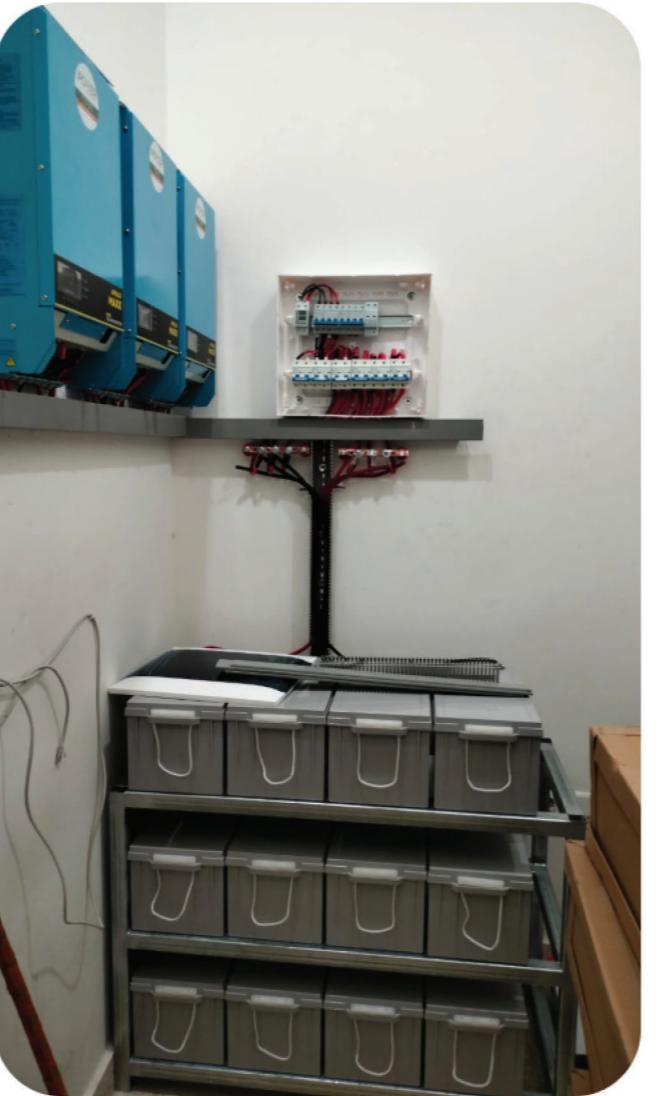
Embracing the concept of round-the-clock energy independence, our hybrid systems in residential buildings. By combining solar and battery storage, this approach ensures a seamless transition from solar-generated power to grid consumption. This holistic approach not only maximizes efficiency but also reduces reliance on the grid, providing homeowners with unparalleled control over their energy usage.



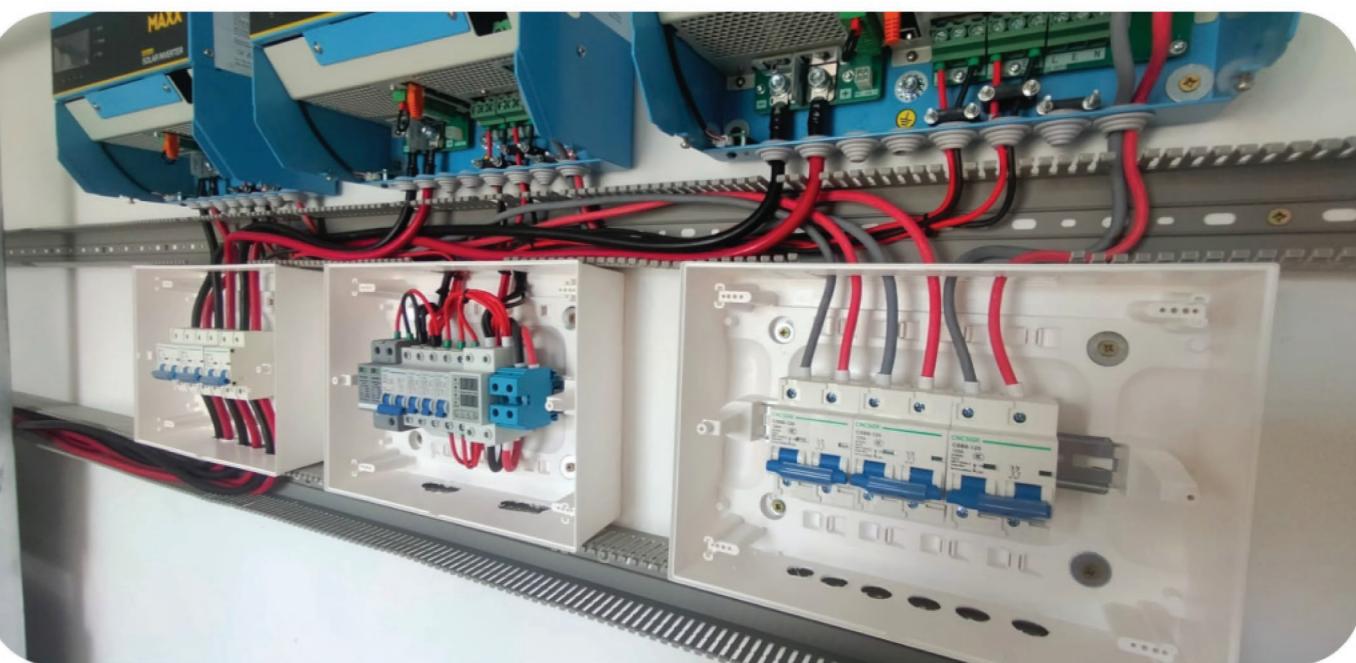
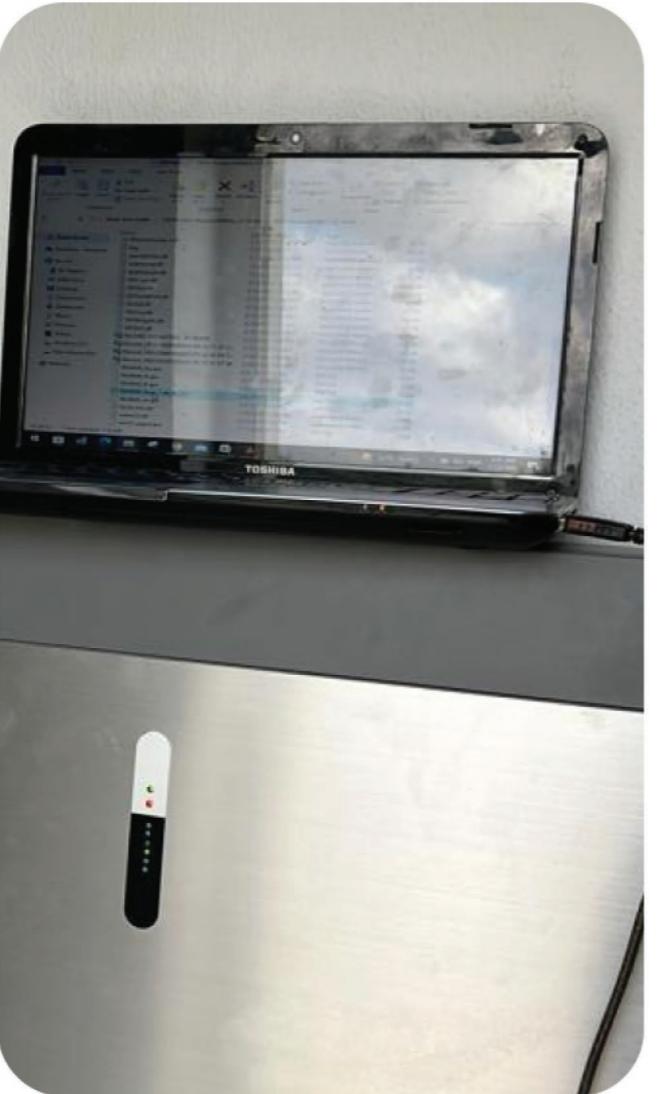


In collaboration with local governments and international organizations, we have implemented large-scale solar water pump projects across continents. These initiatives have not only bolstered food security but also promoted economic growth and environmental sustainability. By harnessing the power of the sun, our pumps have enabled communities to break free from dependence on fossil fuels and costly grid connections, fostering self-reliance and resilience.

One notable example of our on-grid solar expertise is the implementation of a large-scale solar power plant in bent jbeil hospital is 200kw power system . This project not only bolstered the region's energy infrastructure but also catalyzed job creation and economic growth. By tapping into the abundant solar resources available, we have helped communities transition towards a cleaner, more resilient energy future, while simultaneously reducing their reliance on fossil fuels and mitigating the impacts of climate change.



One of our flagship projects involved the installation of a network of solar water pumps in , al ezzye , yatar , bent jbeil and many others providing vital irrigation for hundreds of kilometers of farmland. By leveraging solar energy, we have eliminated the need for diesel-powered pumps, significantly reducing carbon emissions and operating costs for farmers. The success of this project has inspired similar endeavors in neighboring regions, demonstrating the scalability and effectiveness of our solar water pump solutions.





Our portfolio of on-grid solar projects spans diverse sectors, from residential rooftop installations to utility-scale solar farms. By leveraging the latest advancements in solar technology and grid integration, we deliver customized solutions tailored to meet the specific energy requirements and budgetary constraints of our clients. Whether it's offsetting electricity bills, meeting renewable energy targets, or enhancing energy security, our on-grid solar systems offer a myriad of benefits that drive sustainable development and economic prosperity.

In addition to our groundbreaking work with solar water pumps, iPower is at the forefront of on-grid solar solutions, revolutionizing the way communities harness renewable energy for their electricity needs. Our on-grid solar systems seamlessly integrate with existing power grids, providing a reliable and sustainable source of electricity to homes, businesses, and institutions. Through meticulous planning and engineering expertise, we ensure optimal system performance and maximum energy yield, empowering our clients to take control of their energy consumption while reducing their carbon footprint.

