



Solar Panels Services





Welcome To Our Team



Reham Reda

Mai Fathi



What Do We Do?

We provide innovative and sustainable energy solutions based on solar systems, specifically designed to meet the needs of individuals, businesses, and local communities. By providing solar energy system installation services for homes, apartments, farms, and factories, we seek to transform every building into a source of clean energy, which enhances reliance on renewable energy and saves electricity costs, and a solution to the problems of energy shortage in Egypt, which has become a major threat to productivity and declining performance.



Main Objective

Empowering individuals and businesses to access sustainable, reliable, and cost-effective energy by facilitating the adoption of solar energy solutions. We seek to create a long-term positive impact on the environment, society, and the Egyptian economy and make clean energy accessible to all.



Why Did We Choose This Topic?

The Problem We Try To solve

Many Egyptians suffer from frequent power outages and high electricity bills, which affect their daily lives and businesses. In addition, heavy reliance on fossil fuels leads to environmental pollution and increased carbon emissions, which contribute to climate change.

With over 3,000 hours of sunshine per year, Egypt is uniquely positioned to harness solar energy. Our solar systems provide a clean, reliable, and cost-effective alternative to the traditional electricity grid, reducing dependence on fossil fuels and lowering energy costs. By providing tailored solar panel solutions, from installation to maintenance, we help customers generate their own power, reduce electricity bills, and contribute to a more sustainable future for Egypt, all while ensuring a stable and uninterrupted power supply.



Proposed Solutions

- Solar energy systems for homes and apartments: flexible solutions that suit each residential unit, even if not all residents in the building want to subscribe. This allows each apartment to benefit from renewable energy independently.
- Solar energy systems for farms and factories: Providing solar systems to operate irrigation pumps and supply factories with clean energy, which reduces operating costs and increases production efficiency.
- Solar water heating systems: providing water heating systems for hotels and homes, which reduce the use of electricity or natural gas by up to 40%.



Services We Provide

1- Installing home solar energy systems:

Service: Installing solar power generation systems on rooftops for homes, which helps reduce dependence on the public electricity grid.

Average service price: Starts from 12,000 EGP per kilowatt.



Solar energy service for individual residential units.

2- Solar power stations for companies and factories:

Service: Installing solar energy systems for companies and factories to reduce traditional electricity consumption.

Average service price: ranges from 8,000 to 10,000 EGP per kilowatt.



3- Installing solar water heating systems:

Service: Solar water heating systems for homes, hotels and factories.

Average service price: 12,000 EGP for the average system.



Target Audience

Target groups and customers: For service distribution

- 1: Homes in urban and rural areas, especially those suffering from frequent power outages.
- 2: Companies and factories are looking to reduce operating costs and increase sustainability.
- 3: Farmers: especially in areas that rely on diesel or traditional electricity-powered irrigation pumps.
- 4: Tourism sector: hotels and resorts seeking to reduce costs and enhance their sustainable reputation.
- 5: Freelancers: those who work remotely, freelance, or for companies outside Egypt.
- 6: Investors.



Target Areas In Egypt

To lay the foundation stone

- 1: Upper Egypt (Aswan, Luxor, Sohag): The highest rate of solar radiation and low dependence on the electricity grid, making them ideal areas for solar energy systems.
- 2 Sinai (South Sinai, North Sinai): Great potential for developing renewable energy projects, especially in tourist areas.
- 3: New cities (such as the New Administrative Capital): Where the focus is on sustainable infrastructure



Competitors

Direct competitors

KarmSolar
Infinity Solar
Cairo Solar
Sunergy
Nile Solar
AgriSolar Solutions

indirect competitors

Scatec ASA
ACWA Power
Solarize Egypt
Mecha Solar Egypt



Brief Analysis Findings

Core Features Summary

- 1- Integrated Solar Systems: Design, install, and maintain comprehensive solar systems.
- 2- Flexible Consumer Solutions: Offer flexible installation options to suit customer needs.
- 3- Ongoing Technical Support: Provide ongoing technical support after installation.
- 4- Energy Consulting: Provide consulting services to improve energy efficiency.
- 5- Solar Water Pumping Systems: Innovations in solar water pumping technology.
- 6- Power Purchase Agreements (PPAs): Facilitate purchase agreements with institutions to facilitate energy access.
- 7- Fast and Efficient Installation: Fast installations to improve customer experience.
- 8- Advanced Technology: Use of the latest technologies in system design and installation.
- 9- Customized Solutions for Agriculture: Offering customized solar energy systems to meet the needs of the agricultural sector.



Potential gaps for introducing new features

Unique core features for us:

- 1- Flexible Installment System
- 2- Smart Energy Management Application
- 3- Loyalty and Rewards Programs
- 4- Storage Technology
- 5- Shared Solar Energy Systems:
- 6- Enhanced Customer Experience:
- 7- Awareness and Education Campaigns:
- 8- Advanced After-Sales Services:
- 9- Electric Vehicle Charging Network



Future Plans

- **Expanding more and adding some services, such as:**

1- Solar energy service for agriculture (solar irrigation):

Service: Installation of solar energy systems to operate irrigation pumps in agricultural areas.

Average service price: 15,000 EGP per solar irrigation pump system.

2- Electric car charging stations:

Service: Providing nearby charging points, easy and fast for electric cars

- **Increased focus on investors such as:**

Construction companies and real estate developers

Agricultural services companies.