



# OREX Company Profile

## Future Of Energy

OREX was formed in 2011, offering solar energy solutions to commercial, industrial and residential users for our partners in all over the world.

# Our Global Services

We at OREX supply unique and reliable, high quality solar energy products and services which include all of the stages involved in manufacturing, quality assurance and supplying. OREX was formed in 2011 identifying your needs and provide you with efficient low cost solar energy systems. We are confident that by using our solar energy systems you will begin saving money, time and energy from the beginning.

# OREX<sup>®</sup>

FUTURE OF ENERGY





## About Us

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# Why OREX

When it comes to the vast, clean and renewable energy future, the importance of solar energy comes second to none. Thanks to advancements in technologies, that made it possible to create reliable solar energy resources to significantly meet the annual energy needs of the people across the world.

We, at OREX, offer top-notch solar solutions for industrial, residential and commercial use for our partners around the world. Established in 2011, the company has successfully expanded its operations to meet different solar energy needs of industries and has become one of the most trusted solar suppliers in China, the Middle East and Africa. Our **solar powered products** include solar panel and inverter, UPS charge controller, inverter solar cell, solar batteries, and PV powered inverter and so on.

# Our Scope of Work



## R&D

Research stage, discover new solar-related technologies that are close to become commercial reality. The key focus is to bring solar costs down while increasing system efficiency.



## Manufacturing & Production

We manufacture the cells from 100% pure raw materials, then assembling cells and form panels using the most modern technologies available in our manufacture.



## Testing & QA

We ensure the cells perform as expected in its corresponding sheet under standard testing condition available in our manufacture with the approved quality standards.

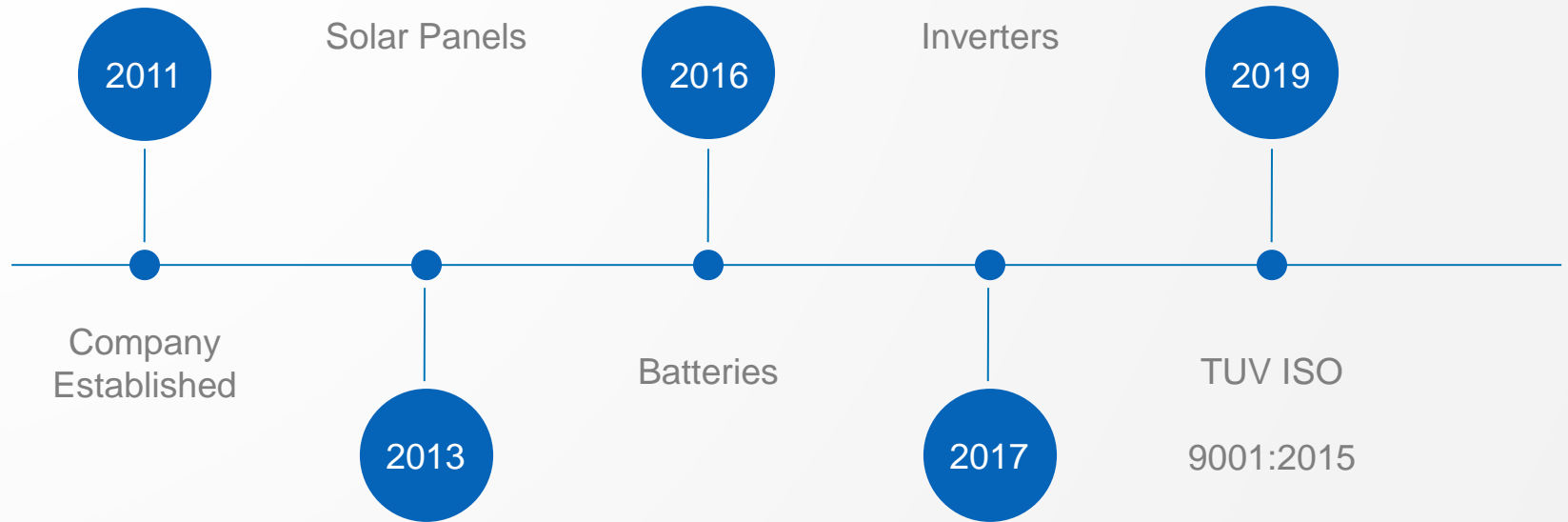


## Sales

We sell E2E solar solutions with all the related technologies i.e. Inverters, batteries. As we provide the end user all calculations method in order to calculate needs compared with power consumptions.

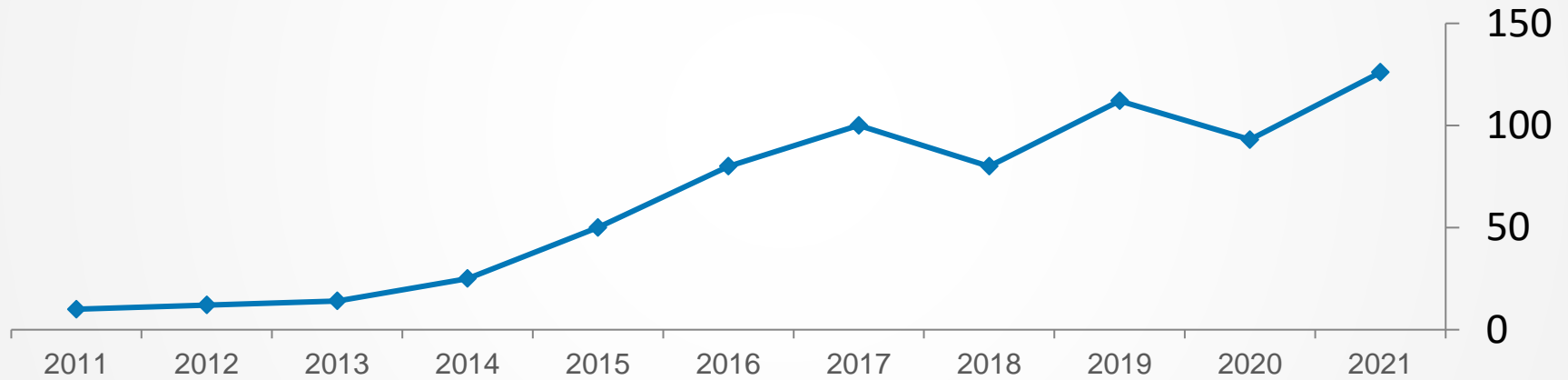
# Our Important Milestones

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# OREX Growth

Number of containers supplied on the last eight years

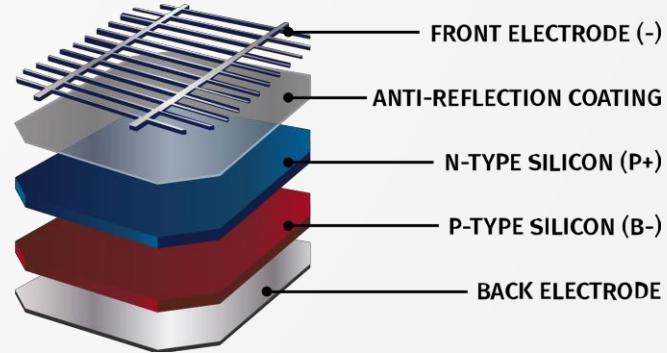


# OREX PRODUCTS:

## Solar Panels

When you evaluate the types of solar panels for your PV (Photovoltaic) system, you will end up finding their two types- polycrystalline solar panels (poly) and mono crystalline solar panels (mono). Due to their appearance, efficiency, high power output, long life span and performance, these solar panels are gaining lion's share of attention for residential as well as commercial purposes.

OREX is a leading wholesale distributor of top-quality solar panels that not only benefit you in the long run but will prove to be a smart decision. You can browse and select the best suitable solar panel either polycrystalline solar panels (poly) or mono solar panels (mono) out of wide categories available at OREX and leverage their ultimate performance and energy efficiency.

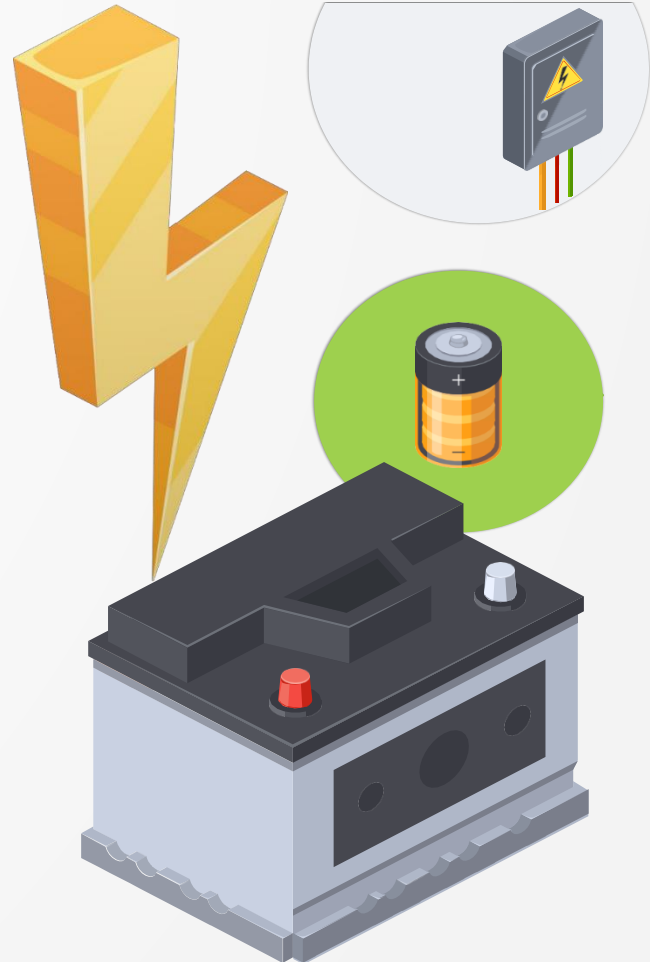




# Batteries

Today, solar batteries are highly demanding product in the market due to their long battery life and reliability as compared to normal flat plate batteries. These solar batteries offer a significant economic benefit for residential and commercial solar installations and allow people to be less dependent on the additional power through grids.

OREX offers a variety of solar batteries including AGM batteries and tall tubular batteries with an ongoing research to produce Lithium batteries, that greatly support solar-powered devices. All our products are made up of high-grade material and meet all the set standards for electrical parameters including, capacity, Ah/Wh efficiency, internal resistance value and SOC voltage per cell. You can choose the batteries that suit the best to support your solar requirements.

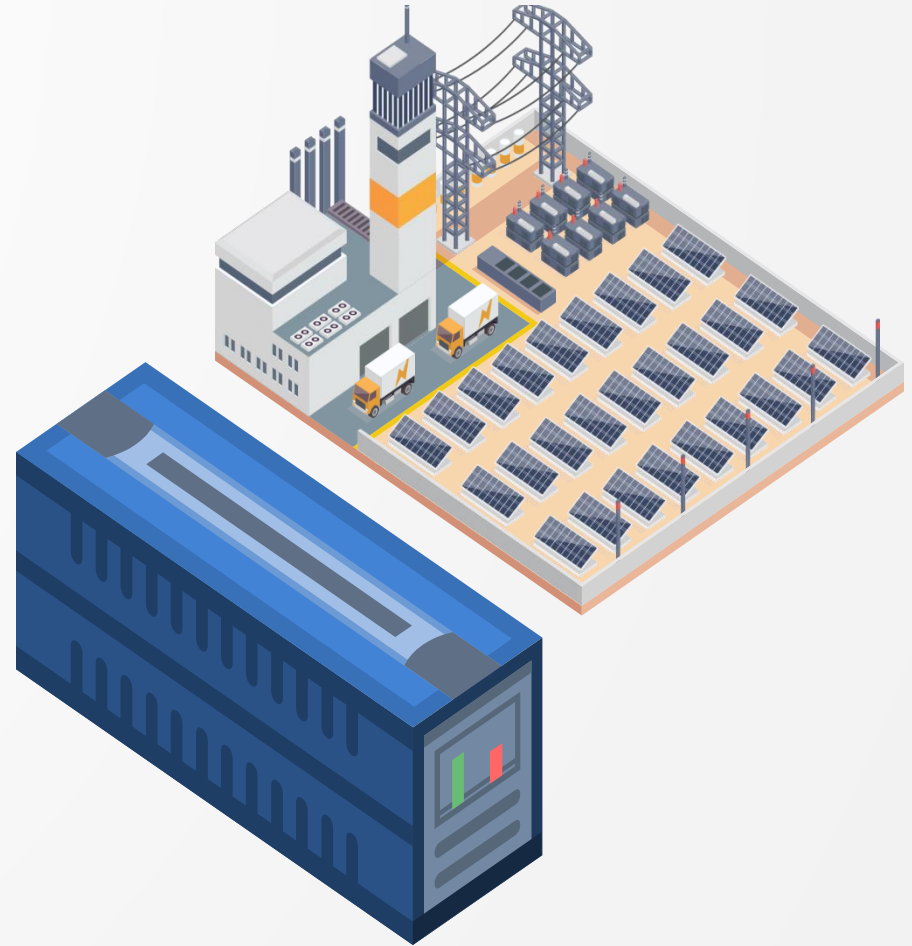


# Inverters

A solar inverter is considered as the heart of your solar PV system as it changes the variable direct current of the solar panels into the alternating current. It is the most reliable solar appliance that works great at residential and industrial premises while reducing the impact of global warming and greenhouse gases. Also, they are cost-effective as compared to traditional generators.

Being a leading wholesale distributor of solar inverters, OREX ensures that all the products are of top-quality, highly durable and are great energy-efficient. We offer world-class solar inverters which include, but not limited to Modify Sin Wave Inverter, Solar Water Pump Inverters, Hybrid Inverter with MPPT, High capacity Inverters and Solar Home UPS.

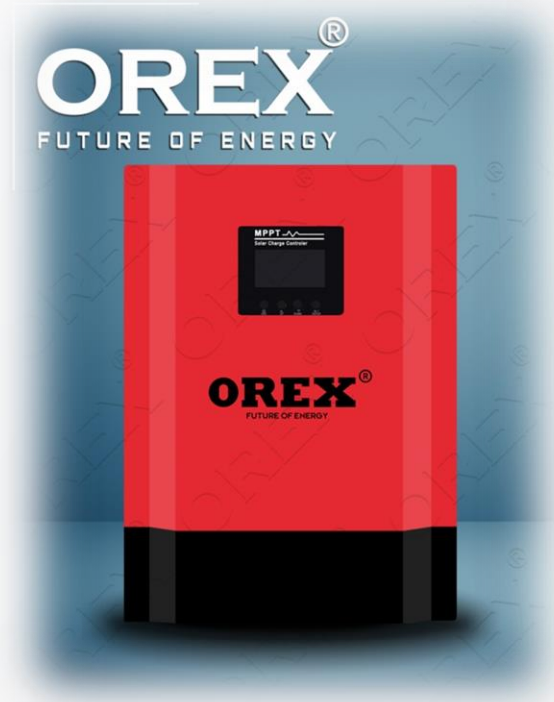
With a wide variety available in our OREX solar inverters, we can help you to choose the one that matches your requirements.



# Charge Controllers

Choosing the right solar controllers is the key to get the most out of your solar panel investment. They are an integral part of an energy solar charging kit that controls an electrical voltage and halts the charging process when the voltage of the battery ascends to the peak level. They are energy-efficient devices and thus this quality can be attributed to the PV solar panels.

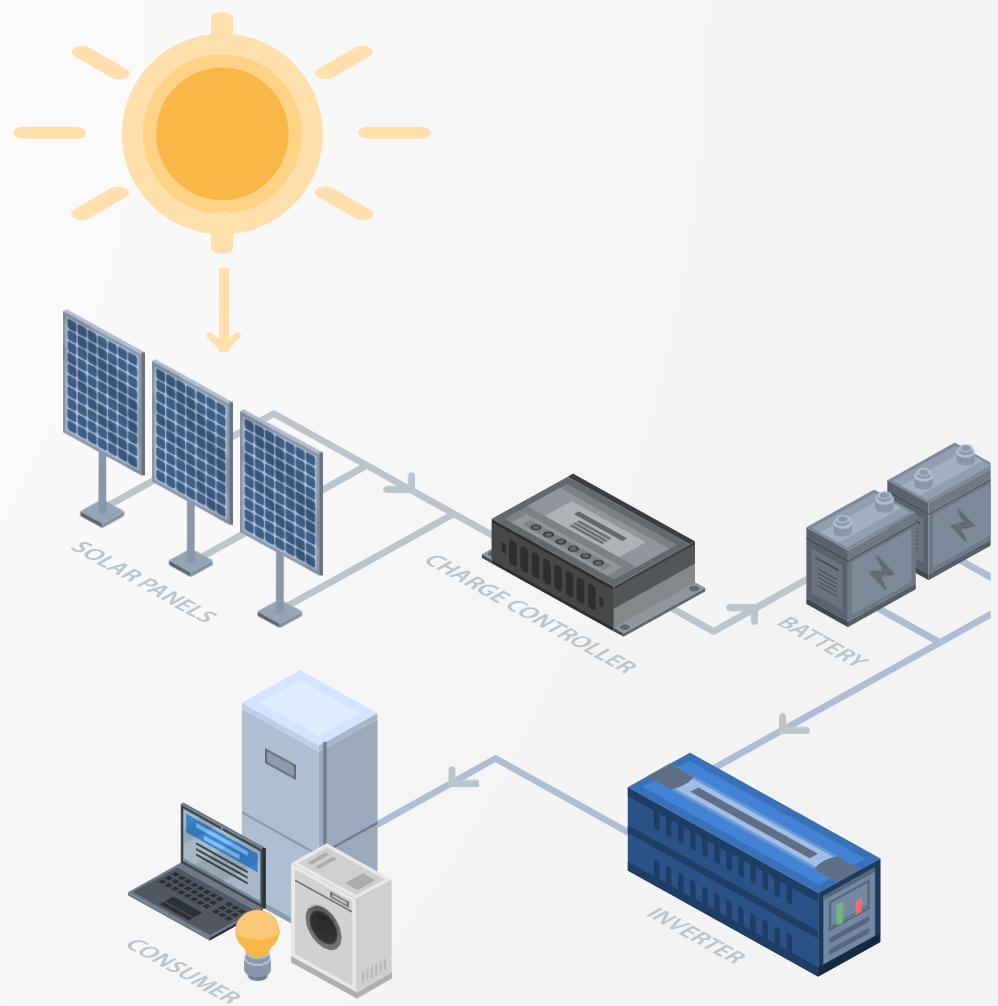
We, at OREX, are one of the most trusted and reputed wholesalers of solar charge controllers. We offer both the types of charge controllers- MPPT (Maximum Power Point Tracking) controllers and PWM (Pulse Width Modulation) controllers. Our charge controllers are known for enhancing the battery life while eradicating the issues in the system such as short circuit, overcharging and overheating.



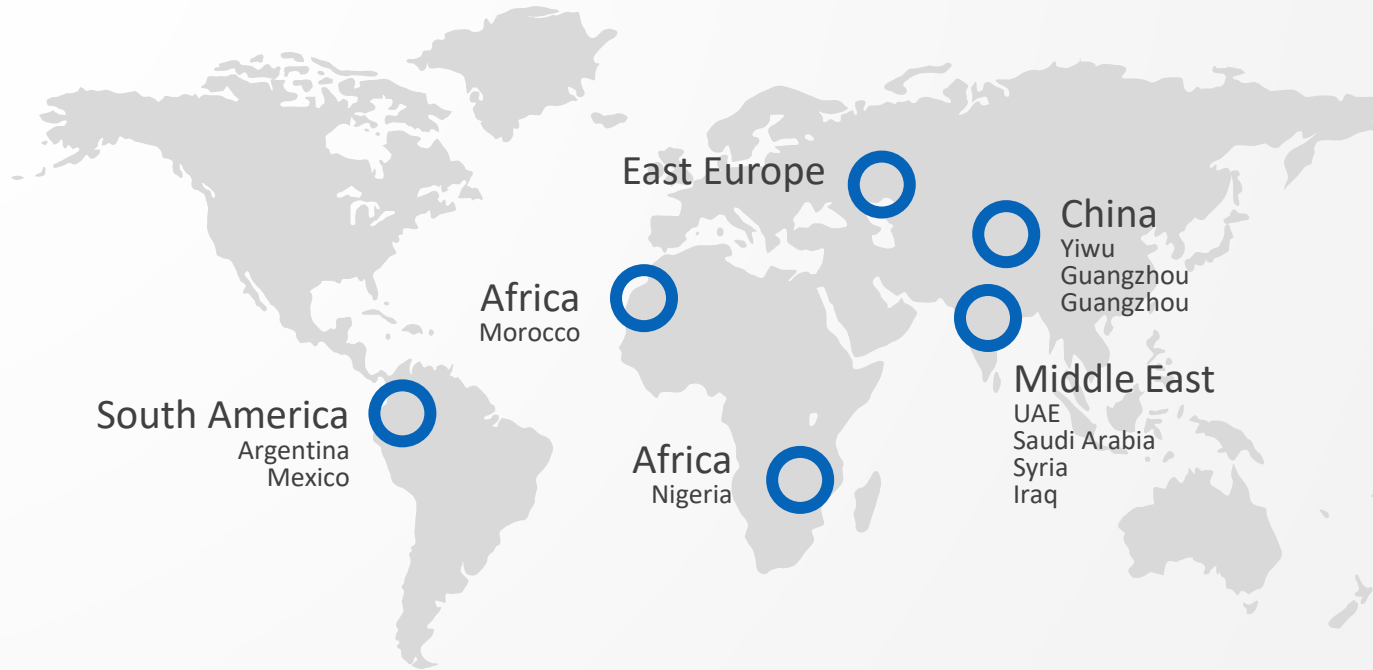
# Solar Energy Process

## How Does it Works ?

1. The silicon photovoltaic solar cell absorbs solar radiation.
2. When the sun's rays interact with the silicon cell, electrons begin to move.
3. Moving electrons creates a flow of electric current, captured by nodes and wiring in the panel.
4. Wires feed this direct current (DC) electricity to a solar inverter to be converted to alternating current (AC) electricity



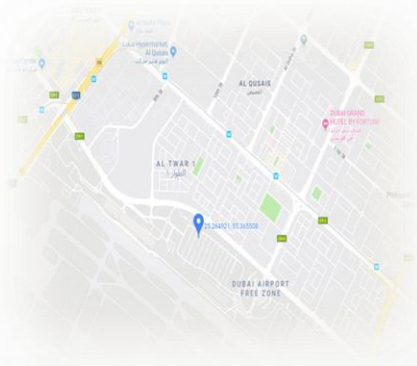
# Our Global Reach







# Contact Us

## Main Office


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Building, Near Baniyas Metro  
Dubai, United Arab Emirates  
Call +(971) 4 5461772



## Social Media

-  [facebook.com/solarorex](https://facebook.com/solarorex)
-  [Instagram.com/solarorex](https://Instagram.com/solarorex)
-  [Twitter.com/solarorex](https://Twitter.com/solarorex)
-  [linkedin.com/in/solarorex](https://linkedin.com/in/solarorex)

## Digital Media

Now you can reach us through our chat  
button  & contact us form on our  
website <https://www.orex-ae.com>

# Co. Founder's Word



Arwa Razzouk

Co. Founder and General Manager



Sustainable, Renewable and Clean Energy are blessings from nature for our children's future.  
OREX Mission is to Enrich Life with Clean Energy.

**OREX**<sup>®</sup>  
FUTURE OF ENERGY