

Apex Power Concepts

**A Better Choice
for Wind and
Solar Products**

Since 2003

Sister Companies



Solar Modules Made in Dubai

INTRODUCTION



THE GUIDING PHILOSOPHY OF THE GROWTH AND DEVELOPMENT OF APEX POWER CONCEPTS LIES IN ITS QUEST FOR QUALITY AND ITS UNTIRING COMMITMENT TO EXCELLENCE IN SERVICE".

Apex Power Concept – Culture & Mission



COMPANY PROFILE

Ever since its establishment in 2003, Apex Power Concepts has emerged as a dynamic and confident pace setter in the field of solar energy systems, energy storage systems and hybrid power systems that include multiple sources of energy like generators, wind turbines, solar and batteries. Over the years, the company has grown from being a trading company to a vertically integrated group of solar companies.

Apex Power Concepts is a sole proprietor of the following companies

- a. DUSOL Industries: Solar PV modules manufacturing based in Dubai, UAE.
- b. Apex Power Concepts Trading LLC: Solar PV components distributor
- c. Apex Power Concepts Solar Energy LLC Solar PV systems installations and EPC

The guiding philosophy of Apex Power Concepts is to provide quality products at competitive prices – products that offer highest VALUE FOR MONEY. This has been possible through two distinguished brands that have become synonymous to quality.

- a. MAXIMA
- b. DUSOL



Keeping true to its tradition of partnering with companies that have become industrial leaders in offering solar PV components, Apex Power Concepts has developed strong partnerships with wide spectrum of solar components

- 1. GRUNDFOS – Denmark:** DC and AC pumping systems for irrigation from 1m³ to 1000m³ per day with pumping head of upto 400m
- 2. VICTRON – Netherlands:** Solar electronics manufacturer including charge controllers, inverters, converters and battery
- 3. STECA Germany:** Solar Electronics for off grid and on grid applications.
- 4. MORNINGSTAR – USA:** Solar Charge Controller specialist for off grid solar applications.
- 5. SCHNEIDER ELECTRIC–France:** Solar Electronics for medium to large off grid and on grid power plants.
- 6. EATON USA:** DC and AC protection for solar PV systems
- 7. BENY China:** DC protection and prefabricated protection systems.
- 8. ROTOMAG–India:** DC submersible and surface pumps for irrigation.

Key activities and areas of expertise

1. Solar Home systems – Off grid systems
 2. On grid Systems – Commercial and industrial levels
 3. Remote Solar Industrial Applications viz, cathodic protection, street lighting, solar telecom and ELV applications, Vaccine refrigerators and more.
- Apex Power Concepts maintains ready stock of solar PV components in Dubai to meet demands of large volume orders that need quick fulfillment.
Alternatively, the products are available through e-commerce website

WWW.MAXIMA.SOLAR

Culture and mission

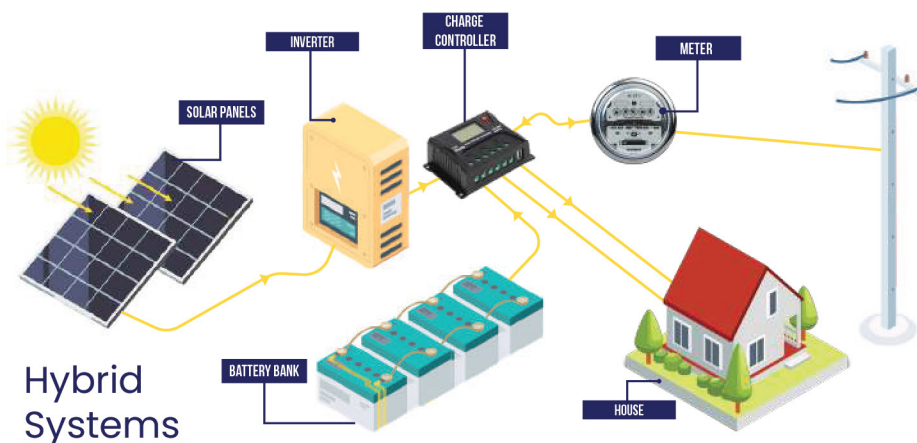
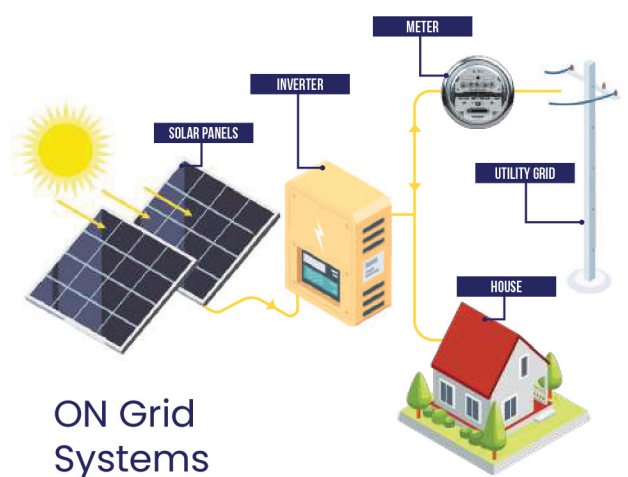
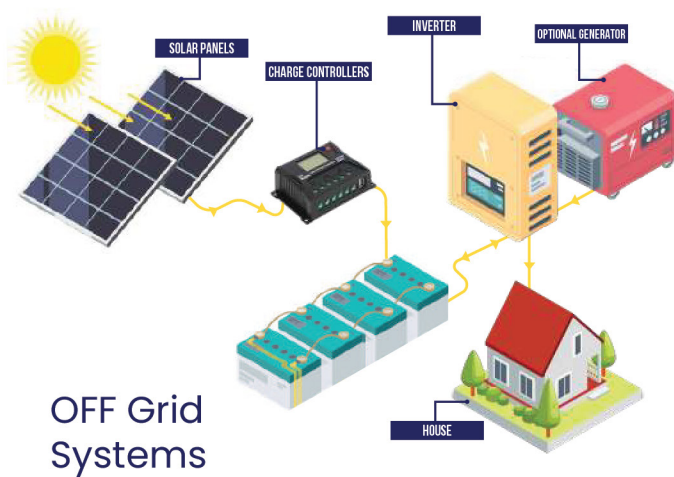
The guiding philosophy of the growth and development of Apex Power Concepts lies in its quest for quality and its untiring commitment to excellence in service. Apex Power Concepts has emerged as an internationally acclaimed specialist supplier and system integrator of Solar PV and energy storage systems, and is moving confidently to face new challenges of changing needs

Customer Profile

The Company has been successfully undertaking wide range of projects and supply contracts both within the region of GCC as well as internationally. Access to wide range of value for money products has helped Apex Power Concepts capture a large portion of the African, Asian and CIS markets. In an effort to further increase its growing customer base, Apex Power Concepts is constantly adding new and reliable business partners in should be from various parts of the world. It has taken initiative to stronghold its presence in GCC to support its coveted brand products.

SERVICES

WE SPECIALIZE IN
ALL PV (PHOTOVOLTAIC)
SYSTEM CONFIGURATIONS



WE ARE EQUIPPED
CERTIFIED ENGINEERS & DESIGNERS

Vertical integration
as we

PRODUCE OUR OWN
MODULE IN DUBAI

SOURCE COMPONENTS
FROM BEST MANUFACTURERS

INHOUSE ENGINEERING AND
INSTALLATION TEAM



ABOUT DUSOL



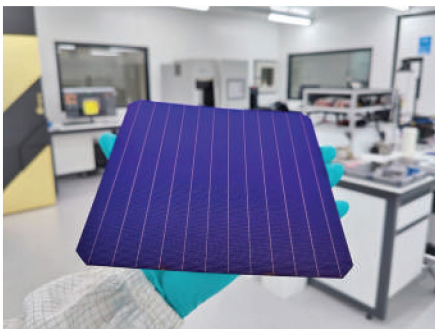
PV modules manufacturing in Dubai

DuSol Industries is the first PV module manufacturing company based in Dubai, United Arab Emirates. Due to its strategic location catering to Middle East and African countries, DuSol has strived hard to create a product profile that matches the clientele it serves. With an annual manufacturing capacity of 150MW and modules of capacities ranging from 5W to those exceeding 600W, DuSol industries can cater to all the solar PV modules needs.

20 YEARS EXPERIENCE

A background of 20 years of manufacturing experience of its stake holders.

Real life experience of system integrators, who have been servicing the specific market of MENA.



ALL NEW JAPANESE TECHNOLOGY AND JAPANESE MACHINES ESPECIALLY DESIGNED AND DEVELOPED FOR DUSOL



RAW MATERIAL FROM EUROPEAN MANUFACTURERS WITH LONG HISTORY IN THE SAME INDUSTRY



TUV-INTERCERT CERTIFICATION FOR POWER PRODUCTION, SAFETY, DUST, SAND STORM, HAILS AND FIRE.



READY STOCK AVAILABLE IN DUBAI FOR IMMEDIATE DELIVERY.



25 YEARS OF WARRANTY CLAIMED IN DUBAI.

PRODUCTS



Solar Panels

Manufactured in Dubai, DUSOL solar panels are available from 5W to 650W. Modules for off grid as well as on grid applications. Stock in Dubai and distributors across Middle East and Africa.



Solar Thermal Systems

From 100 Liters and up, solar water heaters come in vacuum tubes and flat plate types. With a combination of multiple solar water heaters, larger capacities is possible.



Charge Controllers

With over 75 different types of charge controllers, there is always one that best suits the need and budget. Controllers from basic PWM to more advanced MPPT versions with complex options like live data monitoring and explosion proof environment installations.



Batteries

Small 6V batteries typically used in solar gadget to large GEL, AGM, OPzV and OPzS batteries in lead acid type. Additionally, LiFePO4 batteries meeting complete range of energy storage needs coupled with Battery management systems. Special digital batteries in 12V GEL blocks with integrated Battery balances (patented) a unique battery is readily available.



Hybrid Inverters

Advanced fully grid compatible bidirectional Hybrid inverters ranging from 5KW to 120KW. AC Coupled systems of upto 1MW are available on special requests. Inverters normally have communication and monitoring protocols to have more diverse and complex applications set up.



Inverters

A standard PWM to more complex 3 ph inverters with built in AC filters for extremely pure sinusoidal wave for sensitive appliances ranging from 100W to 120KW in off grid applications. On grid inverters are available on demand.



Solar Gadgets

Ready to use gadgets with integrated solar panels like solar integrated street lights, security lights, garden lights are available. Solar kits for small homes are excellent for counter top sales of solar products. For example, Maxima solar lanterns have become ubiquitous for small solar needs in many countries, especially in Africa.



Inverters + Chargers

Classic off grid inverters with additional battery charging function. Typical systems range from 500W and above. Hybrid inverters sometimes can also be used in backup applications. The range goes upto 120KW in 3ph and can be higher for more demanding applications.



Battery Chargers

Battery chargers for charging lead acid batteries to Lithium batteries from grid power. 1A to upto 30A in standard 12/24/48vdc systems. The range includes basic 3-stage chargers to more advanced chargers with desulphaters and power supplies completes the range.



Water Pumps

Comprehensive range of pumps powered by DC and AC motors driven by solar VFDs. The pumps are useful for irrigation system as well as more integrated solutions like solar powered water filtration and RO systems.



Accessories

To complete solar systems, accessories like connectors, sensors, water proof joints, steel ropes and column pipes, distribution pipes and so on are equally important. A wide range of such accessories are in stock to complete solar PV off-grid systems



DC switchgear

Protection systems against short circuits, lightening and surge currents are fulfilled using fuses, Surge Protection devices, Earthing systems, Isolation devices, combiner boxes and Fused Isolators. Pre-assembled assembled solutions like combiner boxes and Interface protection devices for off grid and on grid systems are readily available.



Solar Street Lights

While maintaining stock of solar integrated street lights, it is also important to have components that allow decentralized solar street lighting application. Components to have both stand alone as well as centralized power plant based street lights including battery boxes, DC timers, Lighting controllers make up such systems.



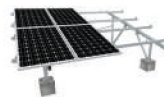
DC Power conditioners

Generation of DC Power through both solar and AC sources using DC power devices like power supplies, DC to DC converters, battery monitoring devices, Battery diodes and battery equalizers is possible using range of DC power devices available with us.



DC Appliances Lights of Refrigerators, DC air conditioners and DC Lights

DC power appliances where the need for such appliances in remote areas arises. DC refrigerators, DC lights, DC Fans and other DC appliances are available in different sizes and power categories.



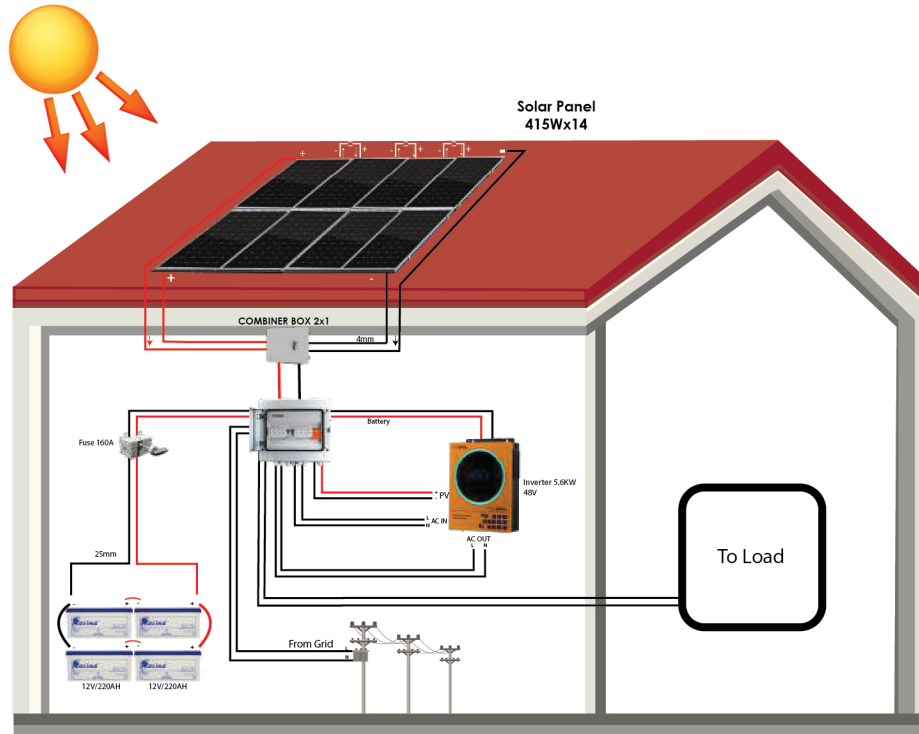
Mounting Systems

Ground mounting and roof mounting systems of various combinations and arrangements are possible using the range of modular mounting systems as well as pre-engineered standard mounting systems that offer flexibility in panel dimensions as well as site conditions.

PARTNERS



ABOUT MAXIMA SOLAR



Maxima.Solar is not just an E-Commerce site

It offers a comprehensive range of solar components from Maxima and other complementing brands. The website ensures to offer a one-stop-shop of the complete spectrum of products from different price points offering different values in one single easy-to-access, easy-to-compare and easy-to-order platform.



Design Your Own Solar System

Maxima.solar offers an easy-to-use tool to design a solar system for user-specific needs. Just drag and drop appliances in the design tool, and let it recommend a system to suit the user's needs.

Maxima.Solar Kits

Pre-engineered array of solar kits that cater to every budget and needs. MAXIMA kits come with all the components that are ready for connection.



**Design Your Personalised
Solar System**



Exclusive Products of Maxima

Maxima.Solar, while boasts being an **Exclusive Online Portal** for all the MAXIMA® branded products, is also an avenue for pure-play complementing products from other manufacturers that complete the solar range.

Maxima.Solar AC Kits

Maxima.Solar has put together several kits of different capacities and uses. Maxima DC airconditioning kits offering 50% higher efficiencies are also offered both as individual as well as complete kits.



Maxima.Solar Pump Kits

Maxima.Solar pumps employ the most efficient and user-friendly setup to make the pump easy-to-use.



Maxima Solar Garden Light



Maxima Solar Garden Light



Solar Lantern



Solar Radio





2017 Middle East Electricity Awards Winner

OUR PROJECTS



**MASDAR CITY
ABU DHABI**



DUBAI MUNICIPALITY



SHARJAH AIRPORT



EMAAR



**AGA KHAN HOSPITAL
NETWORK (AKDN)**



**DJIBOUTI COAST GUARD
(2022)**

OUR PROJECTS



**DJIBOUTI COAST GUARD
(2023)**



**EMIRATES ID AUTHORITY,
ABU DHABI**



KUWAIT OIL COMPANY



**SAN GLOBAL
(GREEN HYDROGEN)**



**DUBAI ELECTRICITY & WATER
AUTHORITY**



**ENVIRONMENT AGENCY
OF ABU DHABI**

LIST OF CLIENTS



OUR CERTIFICATIONS



MAXIMA.SOLAR MARKETPLACE!



Your Dedicated Solar Product Showcase

A thriving marketplace dedicated to showcasing and selling solar energy products. Whether you're a manufacturer, distributor, or installer, our platform connects you with eager customers in the solar industry.

Our Groundbreaking Offer:

For a limited time, enjoy 0% commission on your product listings with Maxima.Solar. List and sell to eco-conscious consumers while keeping every penny you earn.



HERE, WHY SHOULD YOU SEIZE THIS GOLDEN OPPORTUNITY?



Community Engagement



0% commission on product listings!



Expanded Market Reach



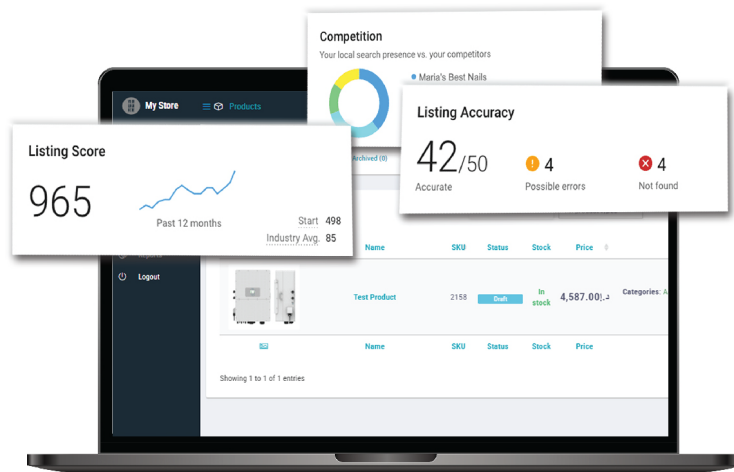
Marketing Support



Promotion of Environmental Values



Brand Exposure, Increased visibility and sales opportunities



Access to a direct targeted audience interested in solar products



Networking opportunities with other industry professionals

Core Benefits



Wide Exposure

Reach a broad audience of solar enthusiasts and professionals



Quality Assurance

Highlight your high-quality, reliable products



Convenient Platform

List products, manage inventory, and track sales easily



Support and Service

Expert assistance to ensure your success



0% Commission

Sell to eco-conscious consumers and keep every penny you earn

ACCOLODES



2017 Middle East Electricity Awards Winner



Other Solar lamps that I have bought failed in 4-6 hours. But, Maxima solar lantern worked for 3 days without charging. I am very happy with its performance. This time I am buying three more for my home use"

Abdu, Uganda



Quality Certified by Authorities




VISIT US

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