

Product catalogue



CREATOR OF HIGH-QUALITY PV PRODUCTS, EV CHARGERS AND PROTECTION

Goes Beyond Standard Products

We innovate advanced solar panels and revolutionary energy solutions, paving the way for an environmentally conscious future while maximizing your return on investment.

FRANCE - BELGIQUE - HOLLANDE - UK - ISRAËL - U.A.E.



Welcome to OPENAX

FRENCH RENEWABLE ENERGY COMPANY

OPENAX is a leading new energy technology company, focusing on the R&D manufacturing of solar generation products and PV-Storage-Charging integrated solutions.

With the mission of “Empowering transformation towards a carbon-free era”, OPENAX keeps on pursuing extreme innovation and cutting-edge technology.

We are committed to facilitating clean, renewable energy solutions and aiding our customers in achieving their sustainability objectives. Our unique value proposition lies in offering high-quality solar products including EV chargers and protection at competitive prices, meeting stringent criteria for performance and reliability. Our mission is to ensure widespread access to affordable solar energy systems through technological innovation and operational excellence. In pursuit of this mission, we endeavor to create a brighter future with cleaner air for current and future generations. Our vision is to be the foremost provider of cost-effective solutions for efficient solar energy production, leaving a lasting environmental legacy.



European Manufacturer



5 Technologies



French Brand

A photograph of a large array of solar panels installed on a roof, viewed from a low angle. The sky is a mix of blue and orange, suggesting a sunset or sunrise. A small red horizontal bar is positioned above the text.

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ABOUT OPENAX

What Drives Us

What Drives Us At OPENAX we think differently and we are committed to the mission before us to lessen humanity's dependence on fossil fuel, overcome global imbalances and halt the degradation of our environment.

Renewable sources, ubiquitous and infinitely available, can supply energy evenly to people and communities across continents and regions, regardless of their wealth and social standing, generate growth and help avoid economic and military conflicts around the world-and all this in a clean and sustainable environment.

At OPENAX we believe in such a future and we work constantly to make solar energy available everywhere and for everyone. Our aim is to solarize the world energy supply and make clean energy the source for all electricity, mobility and smart infrastructure of the future.

Our Values

Doing things right is one of our most important values at OPENAX. We are committed to providing high quality services and products to meet the interests and satisfaction of our customers. We provide value for money and deliver the best customer service and experience.

As we aim to achieve our dual goals of exceptional quality and fair price, we are always mindful of our commitment to act with the highest standard of integrity in all of our business decisions and actions. Internally, we are ethnically diverse, gender-equal one team, accountable and respectful among ourselves and towards others. Externally, the respect for human rights, labor laws, fair competition and environmental considerations are the guiding principles in our choices for outsourcing, procurement and end users.

Who we are

OPENAX is a leading European renewable energy company with notable global presence in the solar industry. OPENAX is a manufacturer of cells, PV modules, inverters, hybrid storage systems, batteries, and electric vehicle (EV) chargers, and is an innovative company that integrates R&D, manufacturing, and distribution.

Along with our internal R&D team, we invest in, and work with leading global research institutions and manufacturers to innovate, develop, share and commercialize the latest technological advances in solar module manufacturing. Our primary R&D partner in the area of solar panels is a leading French research center, the National Institute for Solar Energy (CEA/INES). We also work with other research centers, universities and manufacturing companies as our portfolio expands. We pioneer in solar power and energy storage solutions, as it comes to skid mounted panel-inverter solutions for residential, commercial, and utility scale energy applications.

Sustainability

As a renewable energy and technology company, we are committed to the mission before us to lessen humanity's dependence on fossil fuel, overcome global imbalances and halt the degradation of our environment. As we bring our contribution to the achievement of these goals through our manufacturing of PV modules, we are conscious of the fact that reckless manufacturing methods and misuse of production materials may seriously devalue solar's sustainability. An important goal of our industry is the reduction of CO2 emissions. This is also the goal we pursue for ourselves and for our customers. Indeed, sustainability is a number one priority for OPENAX and we pursue and implement the most sustainable solutions everywhere in our operations. From manufacturing methods and technologies to choice of production materials, waste disposal and recycling, we are in strict adherence to all EU rules and regulations.

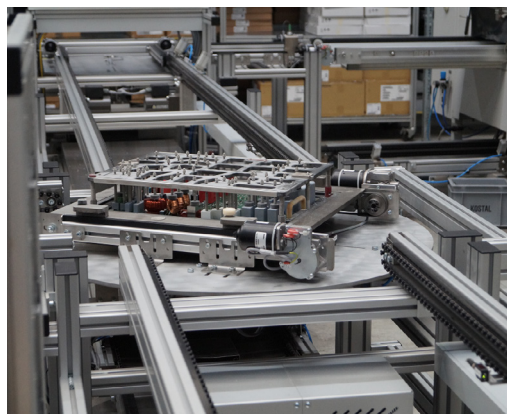
ABOUT OPENAX

Your Best Partner for Renewable Energy

OPENAX is a manufacturer of modules, cells, inverters, hybrid storage systems, batteries and chargers for electric vehicles (EVs), an innovative company that integrates R&D, manufacturing and distribution.

With our in-house R&D team, we invest and work with leading global research institutions and manufacturers to innovate, develop, share and commercialize the latest technological advances in solar module manufacturing.

The Global Leading Brand of Black Module and Focus on Innovation of Quality and Reliability.



OPENAX in numbers



> 2,1 GW

OPENAX modules installed globally,
enough to power 1/2 million homes



7bn kWh

Clean and affordable energy replacing
1,4m tones of CO2 emission



1979

Year that the company was founded



>16

Countries OPENAX
PV modules
installed



/~130

Experienced and qualified industry
personnel across many continents



OPENAX ADVANTAGES AT A GLANCE



Module Efficiency up to 24.5%



Low Temperature Coefficient -0.24% / °C



No LID & PID



>91.25% Output After 30 Years



30 Years Product & Output Warranty



Wide Variety



Reduced Risk of Micro Cracks



All Products are Tested and Certified



Superior Aesthetics



0% Front Grid Shading Loss



Low-carbon Footprint



Fast, Low Cost and Timely Delivery From Our European Factories or European Warehouses to Your Door

OPENAX

OPENAX SOLUTIONS



Residential

Based on industry-leading product performance and quality, OPENAX residential solutions provide aesthetically, environmentally-friendly rooftop solar systems that greatly reduce your energy bills.



Commercial & Industrial

OPENAX provides technology-leading and innovative PV products and solutions, intelligent and digital project implementation, ensure profits of investors, realize corporate social responsibility and sustainable development.



Utility

According to different construction sites, installation locations and methods, OPENAX provides high-efficient solutions for large-scale, general mountain, complex mountain and floating PV power plants.



Agriculture

OPENAX continues to focus its efforts on the transition to green energy. Agri-PV at OPENAX can realize the dual use of arable land and offers an innovative, efficient and cost-effective solution to simultaneously promote sustainable agriculture and the transition to clean energy.



Turnkey Solutions

OPENAX has the necessary know-how to offer design, installation and maintenance solutions for any Photovoltaic System and undertakes for you the entire process of issuing a permit and installation of a Photovoltaic System, capable of serving your electricity needs up to 40 years.



REINVENT TECHNOLOGY PV MODULES

Solar technology holds immense potential as a crucial component of the renewable energy landscape, paving the way for a sustainable future.

OPENAX, a leading French solar module brand, stands for precision and reliability in engineering. We're at the forefront, using advanced technology to shape the future of solar energy. Our commitment to innovation paves the way for exciting developments in solar power.



OPENAX RENEWABLE

PV Modules



If the technology exists, it's available at OPENAX

Backcontact Technology Series

430Wp-660Wp

HJT Technology Series

380Wp-750Wp

TopCon Technology Series

410Wp-720Wp

Shingled Technology Series

420Wp-675Wp

Half-cut Technology Series

360Wp-670Wp



Backcontact Technology Series

UNLEASH THE POWER OF THE BACKCONTACT SERIES
EXTREME EFFICIENCY,
FLAWLESS BLACK AESTHETICS

BACKCONTACT TECHNOLOGY

From 430Wp & up to 660Wp



Under 2m^2 465W+
24,5%+ Efficiency



World's 1st
Efficiency

ADVANTAGES OF BACKCONTACT MODULES

BackContact modules provide numerous benefits to customers seeking a high-quality product with exceptional performance and aesthetic, captivating design.

The "BackContact" module utilizes N-Type cell technology in conjunction with a rear connection method known as BackContact. As a result, there is 0% front grid shadow loss, which increases the PV module yield. Due to reduced shading on the front of the cell, the module maximizes total cell area realizing higher efficiency and resulting in a fast return on investment.



Guaranteed mechanical
resistance to severe
weather conditions



Positive
tolerance



100% electroluminescence
tested

Backcontact Technology Series

Key Benefits



Light Induced Degradation Close to Zero



30 Years Product Warranty



0% Front Grid Shading Loss



Low Pmax Temperature coefficient



Low LCOE



Higher Yield in Hot Climate

Performance at high temperatures



Higher output in hot climate

+2,40 %

Specific yield (kWh/kWp) due to low temperature coefficient



More efficient space utilization

-10,00 %

Space required for 1MWp of BackContact modules



Higher generation per unit area

+2,47 %

PV plant yield/sq.m in hot climate



Lower power loss

+4,40 %

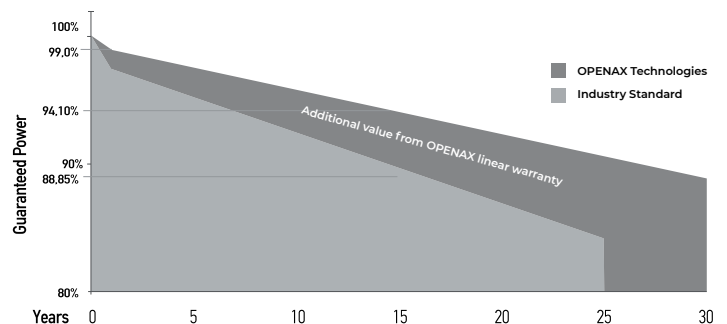
PV plant yield in 30 years of using

HIGHEST EFFICIENCY IN THE WORLD

BackContact Series has "World's 1st" module efficiency, as it reaches up to 24.5%.

BENEFITS OF BACKCONTACT TECHNOLOGY

- ✓ No grid lines, pure black with cutting-edge all back contact cells
- ✓ +13.4% full life-cycle power generation than the traditional P-type modules
- ✓ >5% BOS reduction, significant saving on cables and mounting systems
- ✓ 100% silver-free, reliable supply than the other N-type modules



First Year Output | **≥ 99.0%** 2-30 Year Decline | **≤ 0.35%** 30 Year Output | **≥ 88,85%**

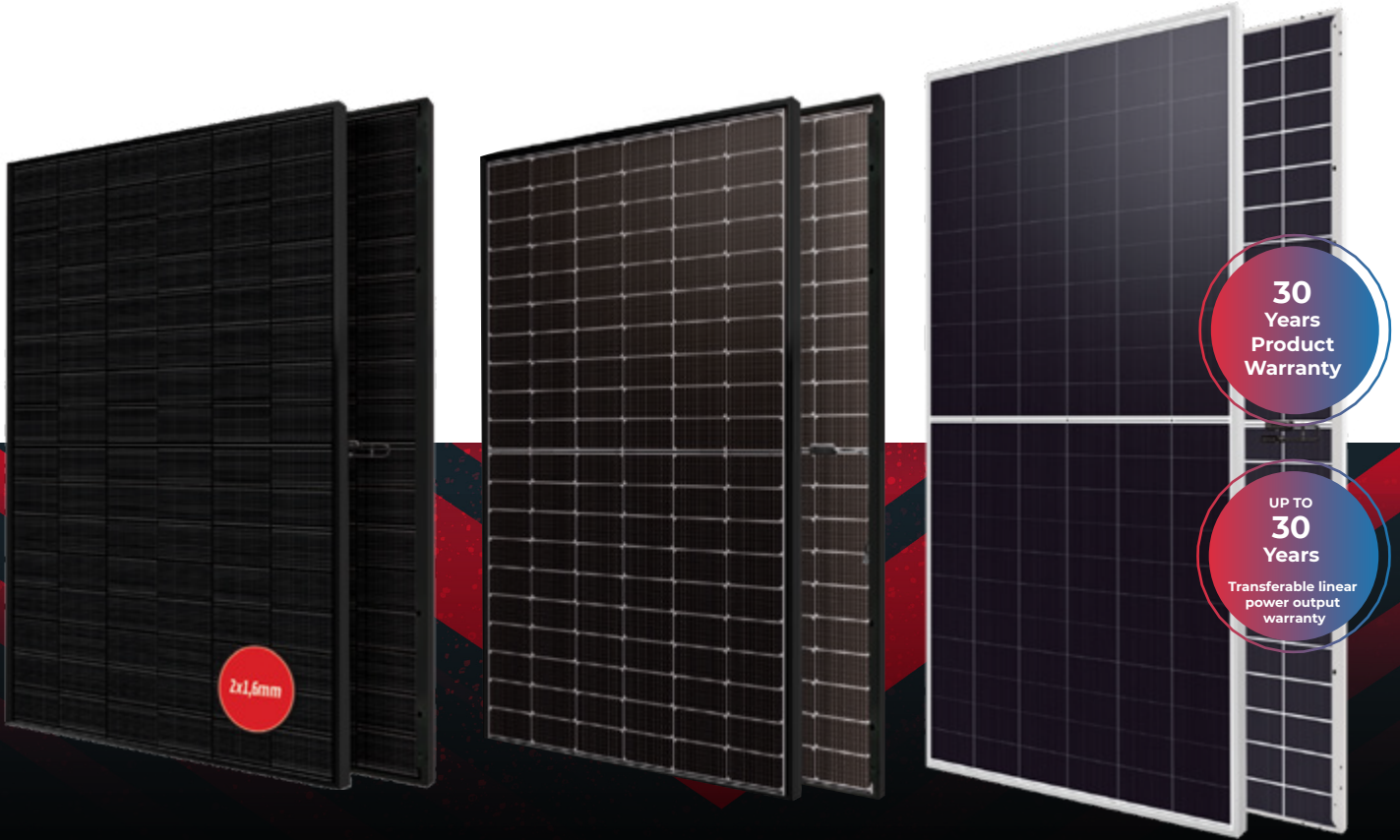
LEADING MODULE EFFICIENCY 24.5%

Heterojunction Technology Series

THE TECHNOLOGY OF THE FUTURE TODAY

HETEROJUNCTION TECHNOLOGY

From 380Wp & up to 750Wp



ADVANTAGES OF HETEROJUNCTION MODULES



Up to 24,1%
Module
Efficiency

HIGH EFFICIENCY

In STC condition, due to the Tandem technology, HJT modules have higher efficiency at least by 1% compared to other technologies. HJT is active on both UV and infrared wavelengths and has a higher light output.

NO LID&PID

HJT has no power loss against 1% first year (LID) and up to 5% after with PID syndrome in standard mono perc module.

Heterojunction (HJT) photovoltaic module is a ground breaking technology. HJT technology guarantees high performance and low degradation of the PV module, substantially improving results and yield over time.

Heterojunction (HJT) reaches over 750Wp power, 7% higher compared to standard PV modules.



Low temperature
coefficient



High energy yield



Low degradation

Heterojunction Technology Series

Key Benefits



Up to 24,1%
Module
Efficiency



≥ 91,25% Output
After 30 Years



Low Temperature
Coefficient
-0,24% /oC



High
Bifaciality



No LID & PID



10% - 35% Power
Generation Gain

Performance at high temperatures



Higher output
in hot climate

+1,8 %

Specific yield (kWh/kWp) due
to low temperature coefficient



More efficient
space utilization

-6,3 %

Space required for 1MWp
of Heterojunction Technology Series
modules



Higher generation
per unit area

+5,9 %

PV plant yield /sq.m. in hot climate



Higher
bifacial factor

+4,0 %

Project installed with sand soil albedo



Lower
power loss

+5,6 %

PV plant yield in 30 years of using

LOW DEGRADATION

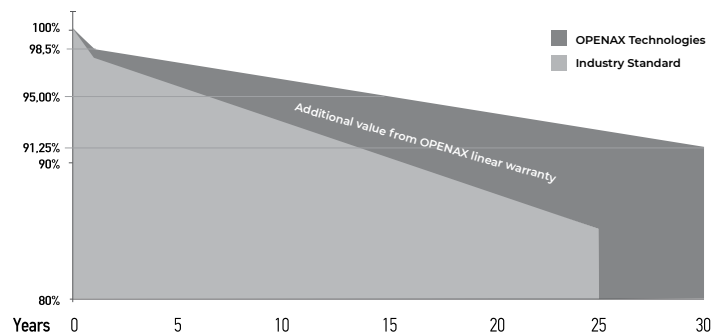
Heterojunction Technology Series modules use HJT cell technology, which have lower degradation than Mono PERC panels.

More stable and sustainable electricity production.

Power yield ≥ 95% after 15 years, ≥ 92,5% after 25 years and ≥ 91,25% after 30 years.

HIGHER PERFORMANCE

Gain up to 20% more energy yield, in low-light conditions, in the morning and evening hours and during cloudy skies.



First Year Output | **≥ 98.5%** 2-30 Year Decline | **≤ 0.25%** 30 Year Output | **≥ 91.25%**

Great appearance
BLENDS PERFECTLY WITH ROOFTOP



Heterojunction Technology Series

Scenario Analysis 1
GROUND POWER PLANT

100000m² (250*400m) Fixed area

BOS cost analysis

Fixed adjustable mounting system , longitudinal double row 2P,30% sand reflectivity,
Extremely low Environmental Temperature 9°C

Cellsize/Layout		166mm /120pcs		210mm /132pcs	
Module		Heterojunction Technology Series	L Brand Perc Half-cut	Heterojunction Technology Series	H Brand Perc Half-cut
Power (W)		375	375	700	670
conversion efficiency (%)		19.98%	20.59%	22.53%	21.57%
Installed capacity (MW)		11.09	10.71	12.15	11.22
Power generation	30-year power generation with the same area	589247	501568	643358	547095
	30- year cumulative increase rate	17.48%	benchmark	17.60%	benchmark
BOS cost	Land cost	3.53%	benchmark	-8.35%	benchmark
	Combiner box & cable costs	-4.78%	benchmark	-4.54%	benchmark
	Variable BOS cost	-0.42%	benchmark	-4.39%	benchmark
LCOE	LCOE	0.1957	0.2110	0.1872	0.1954
	LCOE calculation	-7.82%	benchmark	-4.4%	benchmark

- ✔ Improved energy yield for 30 years: **+17.6%**
- ✔ Land cost saving: **-8.35%**
- ✔ Combiner box & cable costs: **-4.78%**
- ✔ Variable BOS cost: **-4.39%**
- ✔ LCOE reduce: **-7.82%**

Heterojunction Technology Series

Scenario Analysis 2
ROOF POWER PLANT

10000m²(100*100m) Fixed area
Industrial and commercial roof

BOS cost analysis

Fixed adjustable roof mounting system , longitudinal double row 2P,70% sand reflectivity
Extremely low Environmental Temperature -5°C

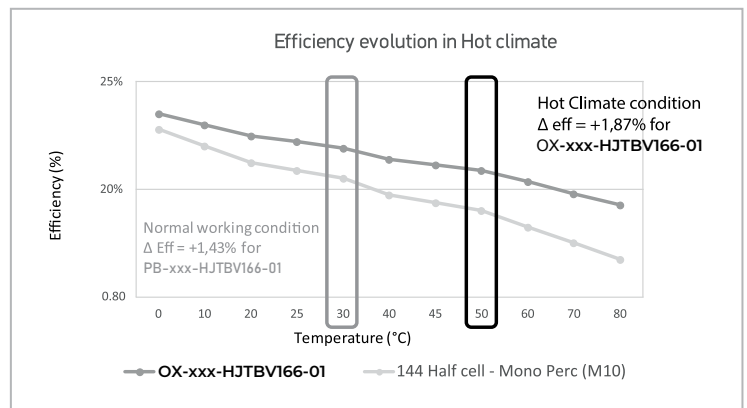
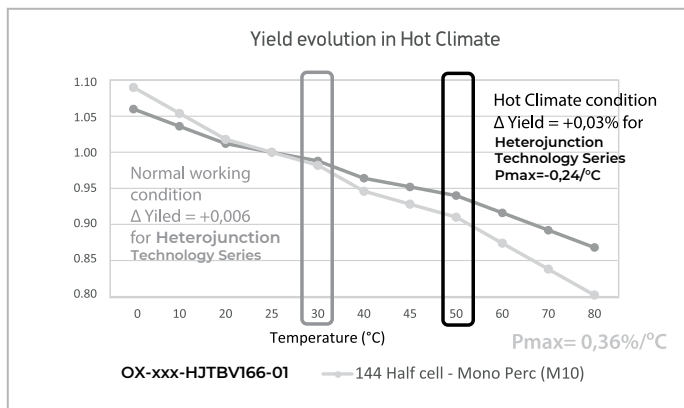
Module	HJT Technology Series Half-cut	L Brand Perc Half-cut	HJT Technology Series shingled all black	H Brand Perc Half-cut
Cell size/Layout	166mm/120pcs	166mm/120pcs	158.75mm/132pcs	210mm/120pcs
Power (W)	385	375	415	405
Efficiency (%)	20.51%	20.59%	21.17%	21.07%
Installed capacity (MW)	1.11	0.77	0.79	0.83
30-year power generation with the same area	43567	36791	31057	27504
30-year cumulative increase rate	18.42%	benchmark	12.92%	benchmark
Roof cost	-1.48%	benchmark	-0.89%	benchmark
LCOE	0.2629	0.2880	0.3793	0.3964
LCOE calculation	-9.58%	benchmark	-4.51%	benchmark

- ✔ Improved energy yield for 30 years: **+18.42%**
- ✔ Land cost saving: **-1.89%**
- ✔ LCOE reduce: **-9.58%**

LOWEST TEMPERATURE COEFFICIENT

Heterojunction modules with HJT cell Technology, perform at high environmental temperature.

- ✔ Amorphous silicon (a-Si) has less power loss due to the temperature and reduce the thermal power coefficient of the HJT (compared to single Monocrystalline composition).
- ✔ At the operating temperature of 50 ° C, Heterojunction Technology Series has better Efficiency than standard modules

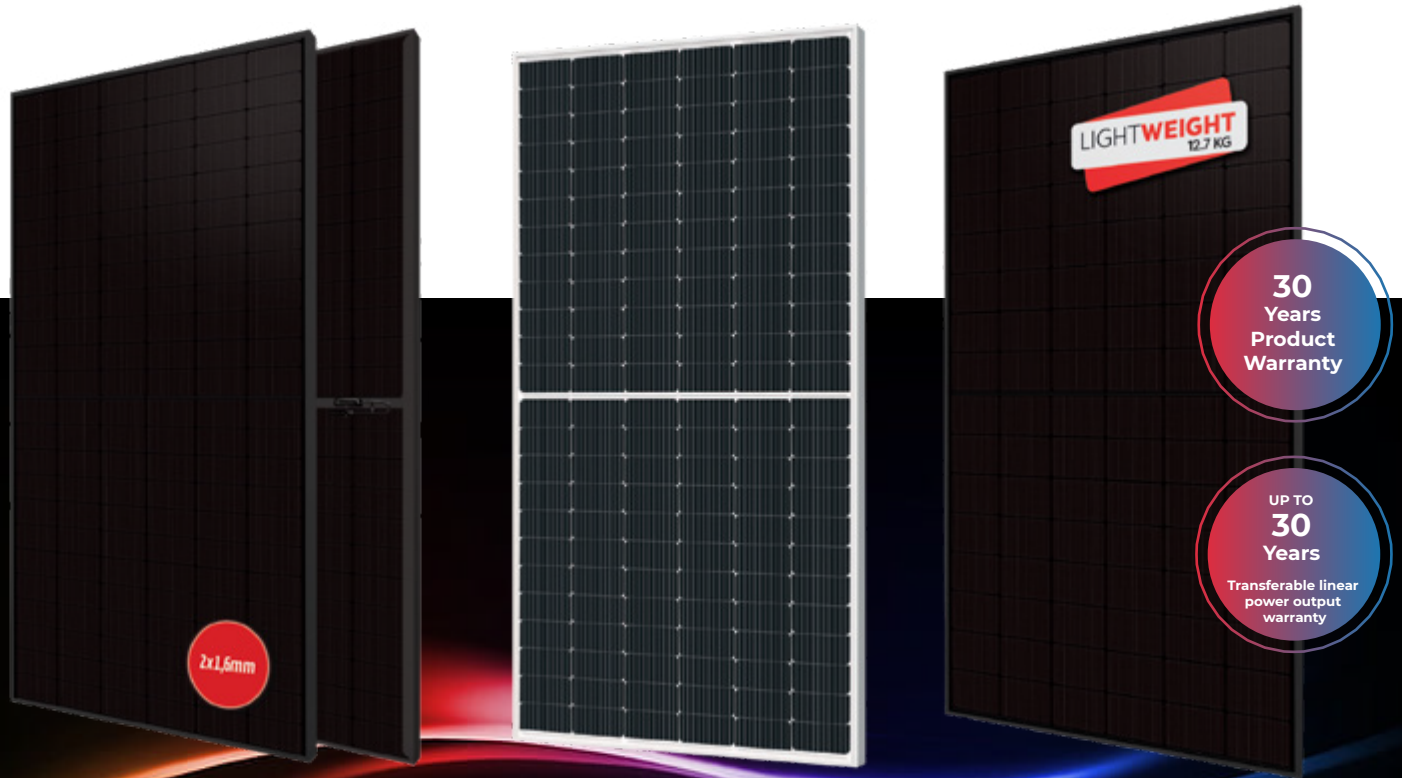


TOPCon Technology Series

SUPERIOR RETURNS, POWER & LIABILITY

N-TYPE PV MODULES WITH TOPCon TECHNOLOGY

From 410Wp & up to 720Wp



ADVANTAGES OF TOPCon BIFACIAL MODULES

HIGH EFFICIENCY (23,18%)

The N-TOPCon module has a strong power generation capacity per watt, which is reflected in its strong advantage in the cost of electricity and a strong premium capacity.

No LID (< 0.2%) & no risk of LeTID

N-type module is a fundamental solution to the risk of LID because there is no BO pairs for its phosphorus-doped substrate. After LeTID test, N-TOPCon modules show no power loss.

Bifaciality

TOPCon bifacial series have been widely applied in a large number of PV systems in the world with more than 10% power gain from the bifacial design comparing to monofacial power plant (Bifaciality factor up to 80%).

P_{max}

Low P_{max}

TOPCon Technology Series

Key Benefits



Light Induced Degradation Close to Zero



30 Years Product Warranty



Higher Yield per Surface Area



Low Pmax Temperature Coefficient



Higher Light Conversion



Anti Glare Glass

Performance at high temperatures



Higher output in hot climate

+1,28%

Specific yield (kWh/kWp) due to low temperature coefficient



More efficient space utilization

-5,01%

Space required for 1MWp of TOPCon Technology modules



Higher generation per unit area

+2,01%

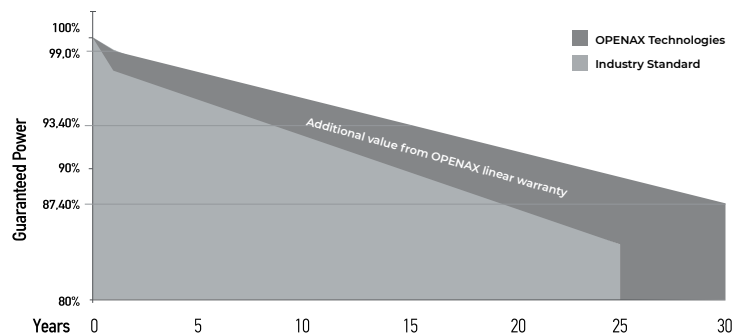
PV plant yield/sq.m in hot climate

LOW DEGRADATION

N-type solar cells (TOPCon) are seen as the technology of the future.

N-type (TopCon) technology guarantees high performance and low degradation of the PV module, substantially improving results and yield over time.

“TOPCon Technology Series” module is the ideal solution for end users who want a Quality PV & reliable product over time and a fast turnaround on their investments.



First Year Output **≥ 99.0%** | 2-30 Year Decline **≤ 0.40%** | 30 Year Output **≥ 87.40%**

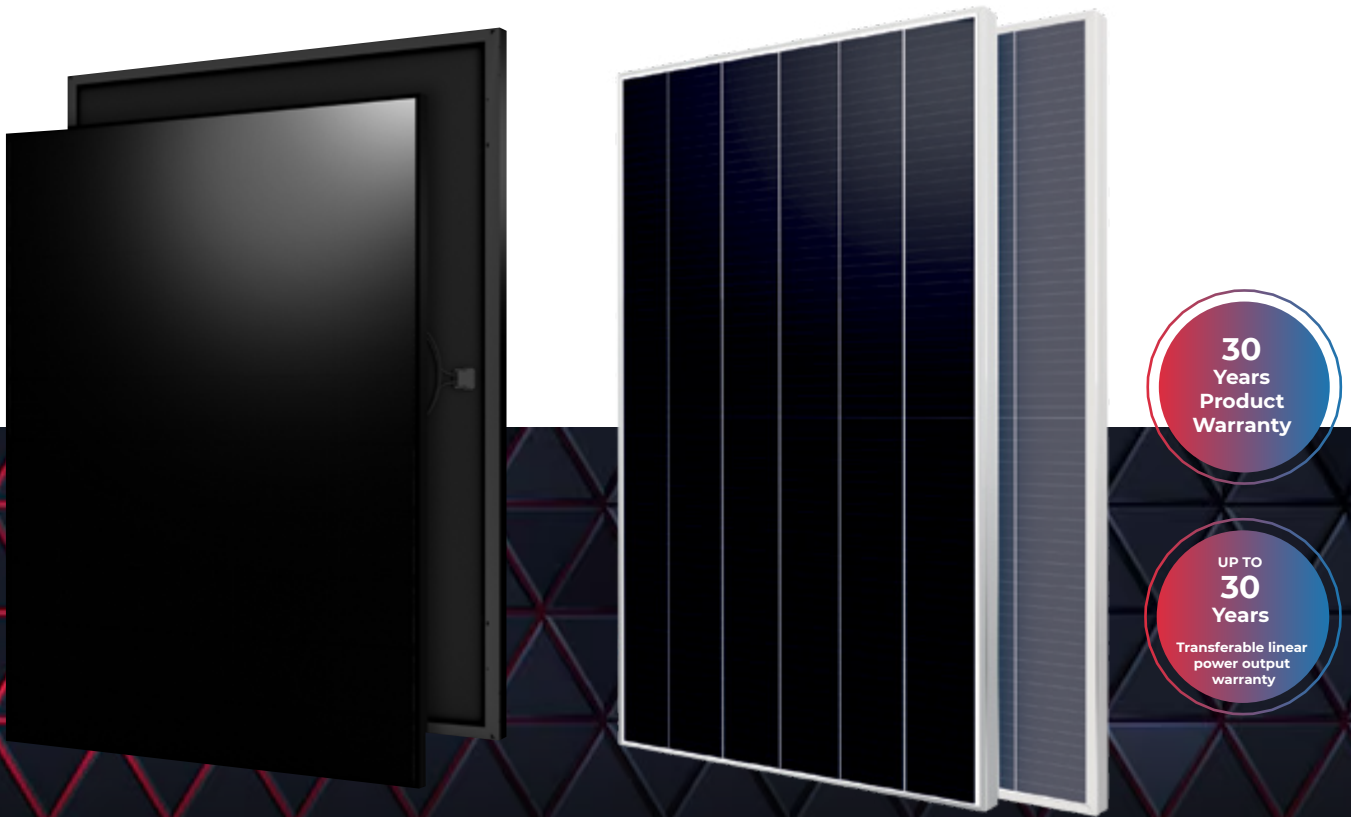
QUALITY PV & RELIABLE PRODUCT OVER TIME

Shingled Technology Series

SUPERIOR PERFORMANCE & RELIABILITY

SHINGLED TECHNOLOGY

From 420Wp & up to 675Wp



ADVANTAGES OF SHINGLED TECHNOLOGY SERIES MODULES

REDUCED RISK OF MICRO CRACKS

The replacement of soldered ribbons with a low temperature and flexible ECA decreases thermal stresses during the modules production and operation, decreasing the risk of micro cracks formation.

Mechanical stresses (e.g. snow load) are relieved by the flexible interconnection, improving the reliability in harsh environments (as reflected in the increased warranty provided).

HIGHER CELLS DENSITY AND IMPROVED AESTHETICS

The inactive area is considerably reduced, no ribbons and cells gaps on strings improving the efficiency and aesthetic in full black modules.

LOWER RESISTIVE LOSSES AND THERMAL COEFFICIENT

The resistive losses in strings are considerably decreased thanks to the lower current of shingles (1/6 or 1/7 of the original cell) and the lack of interconnection ribbons in strings, improving at the same time the performance at high temperatures.



Reduced Risk
Of Micro Cracks



Higher yield per
surface area



Higher yield
in hot climate



P_{max} Low P_{max} at -0,3% / °C

Shingled Technology Series

Key Benefits



30 Years Product Warranty



87,2% Performance Output Warranty After 25 Years



Over 20Wp More Compared to Standard Modules



Reduced Transportation Costs



Reduced Risk Of Micro Cracks



Module Efficiency up to 21,7%

Performance at high temperatures



Higher output in hot climate

+0,9%

PEAK POWER Up to 675Wp



More efficient space utilization

-3,1%

MODULE EFFICIENCY 21,7%



Higher generation per unit area

+4,1%

TEMPERATURE RATIO - 0,34 %/°C

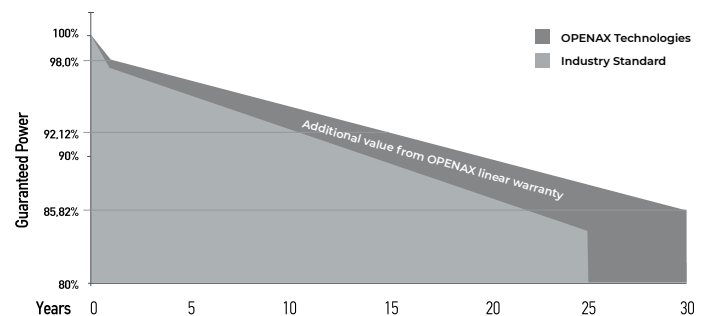
SMALL SIZE FOR ROOF TOP INSTALLATION

The Shingled module with power class over 555Wp, Efficiency up to 21,6% and 30 years product & up to 30 years output warranty is:

- ✓ Best "Value for money" choice
- ✓ Ideal for rooftop installations (in the same size of the rooftop, more power can be installed compared to standard modules)
- ✓ Low LCOE

FOR COMMERCIAL & UTILITY INSTALLATIONS

The Shingled module with power class up to 675Wp, efficiency up to 21,7% and 30 years product & output warranty.



First Year Output | **≥ 98.0%** | 2-30 Year Decline | **≤ 0.42%** | 30 Year Output | **≥ 85.82%**

SEAMLESSLY INTEGRATES WITH THE ROOFTOP

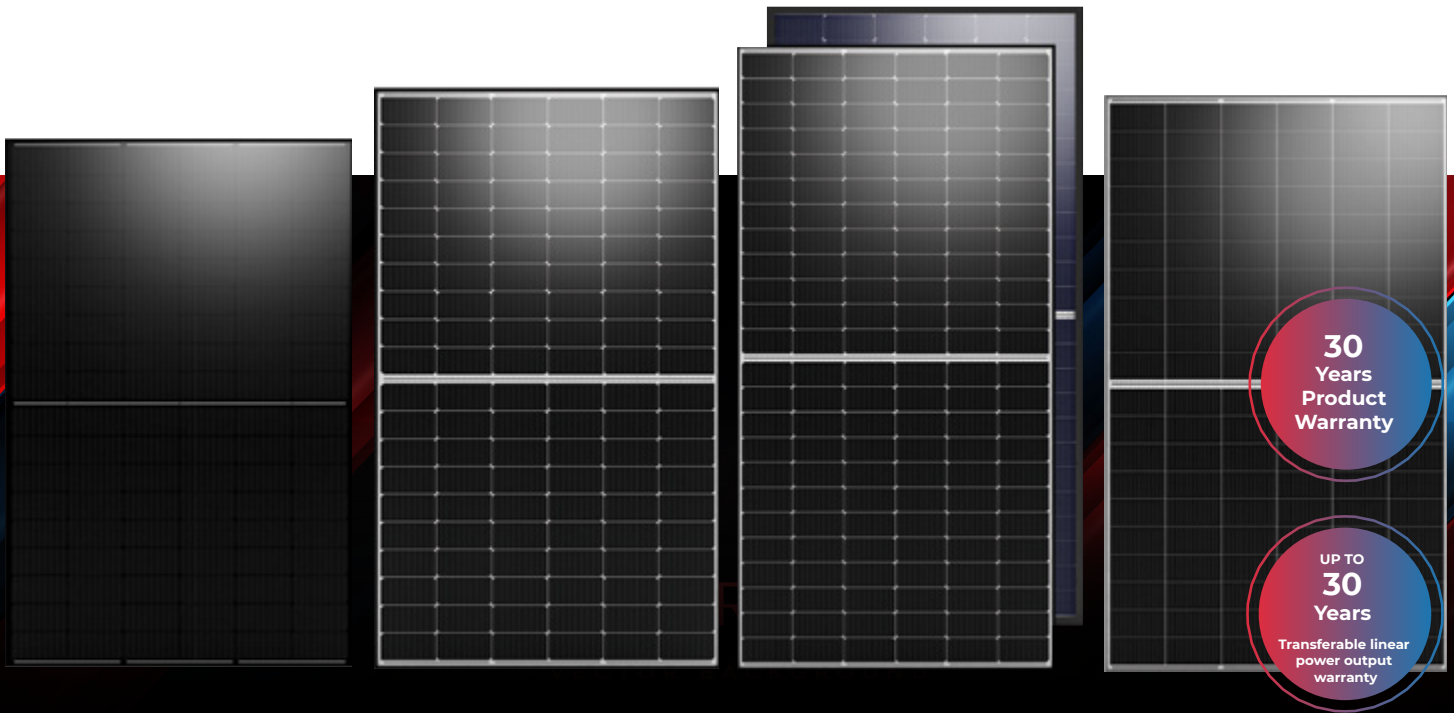


Half-Cut Technology Series

FAST RETURN ON YOUR INVESTMENTS

HALF-CUT TECHNOLOGY

From 360Wp & up to 670Wp



Low Pmax

ADVANTAGES OF HALF-CUT MODULES

Groundbreaking technology; higher power output and improved system performance. The ideal solution for end users who want a fast turnaround on their investments. A fully certified premium quality and high efficiency module made with A grade materials.

Half-Cut Technology Series

Key Benefits



Higher Yield per Surface Area



Higher Light Conversion



Low LCOE



Higher Yield in Hot Climate



30 Years Product Warranty



Low Resistive Losses

Performance at high temperatures



Higher output in hot climate



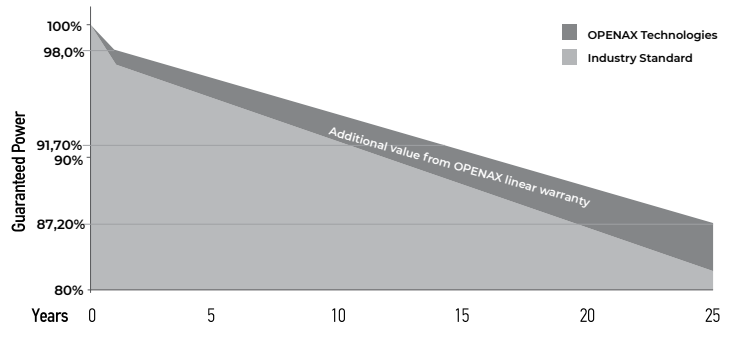
More efficient space utilization



Higher generation per unit area

OPENAX proposes PV modules size according to the customer requirements. OPENAX uses several cell sizes like:

- ✓ G1: 158.75mm
- ✓ M6: 166mm
- ✓ M10: 182mm
- ✓ G12: 210mm



First Year Output | **≥98%** 2-25 Year Decline | **≤0,45%** 25 Year Output | **≥87,20%**

QUALITY PV & RELIABLE PRODUCT OVER TIME

Redefine Energy Solutions

INVERTERS - STORAGE
ACCESSORIES

Intelligent energy management for
a resilient energy ecosystem.



ENERGY ECO SYSTEM

- ✓ Micro Inverter Series
- ✓ Single-phase Series
- ✓ Three-phase Series
- ✓ Hybrid Series

INVERTERS AND MICRO-INVERTERS



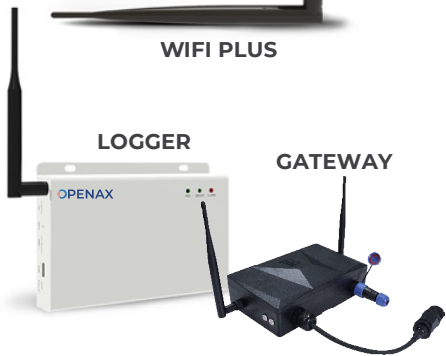
ACCESSORIES



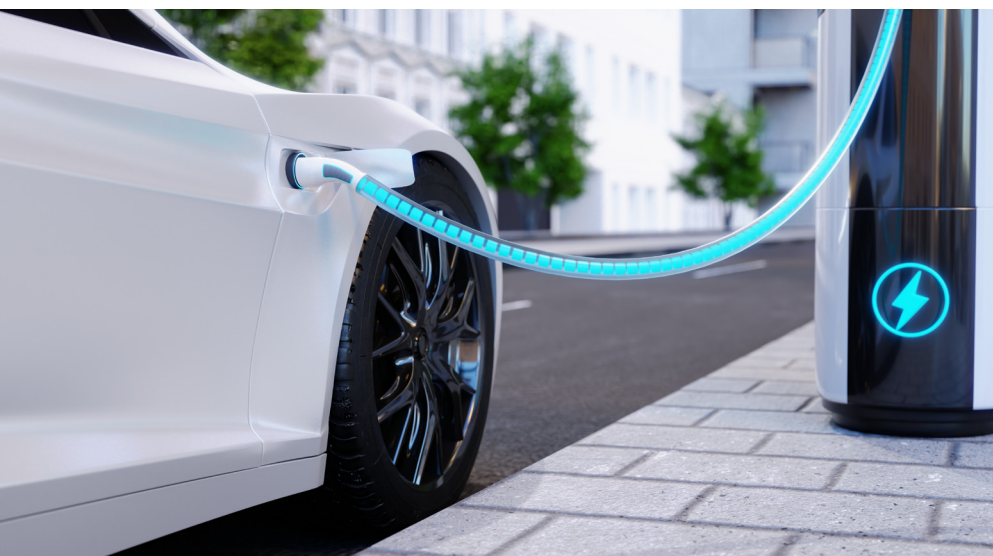
STORAGE



SOFTWARE (MONITORING)



LOGGER-Z



EV CHARGERS

INVERTERS AND MICRO-INVERTERS

Micro-inverters series

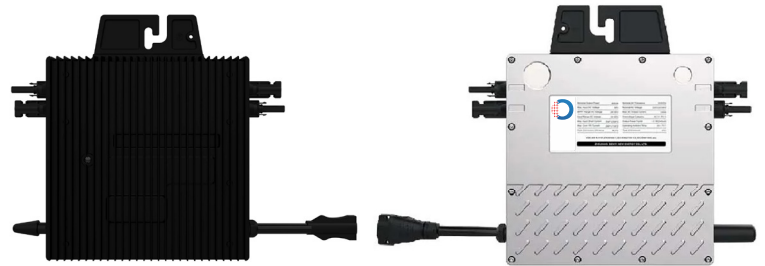


Single-channel series

- ✓ Rated Output Power: 500/550/600W
- ✓ Recommended Input Power (STC):
 - (400~700W) Single, 60~75 full/120~150 sub cells
 - (300~450W) *2 Parallel, 72~75 full/144~150 sub cells
- ✓ Efficiency:
 - MPPT: >99.8%
 - Peak: 96.5% (Normal), 96.0% (EURO)
- ✓ Globally certified: Safety, EMC, and grid compliance in over 10 countries (VDE4105, etc.).

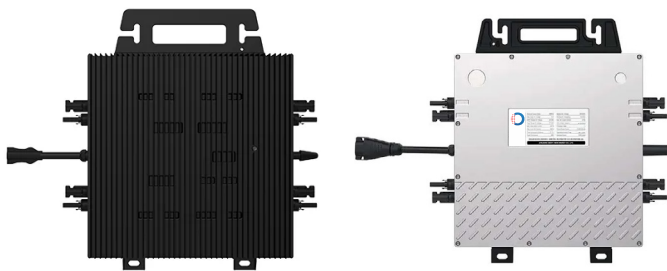
Dual-channel series

- ✓ Rated Output Power: 800/1000/1200/1600W
- ✓ Recommended Input Power (STC):
 - (400~700W) *2, 60~75 full/120~150 sub cells
 - (300~450W) *4 Parallel, 72~75 full/144~150 sub cells
- ✓ Efficiency:
 - Peak: 97.0% (Normal), 96.0% (EURO)
- ✓ Globally certified: Safety, EMC, and grid compliance in over 10 countries (VDE4105, etc.).



Quad-channel series

- ✓ Rated Output Power: 2000/2400/2800W
- ✓ Recommended Input Power (STC):
 - (450W-750W)*4, 60~75 Cell/120~150 Sub Cell
 - (350~550W)*8 parallel, 66~75 Cell/132~150 Sub Cell
- ✓ Efficiency:
 - Peak: 97.5% (Normal), 96.5% (EURO)
- ✓ Features: First GaN microinverter (lighter weight, higher efficiency)
- ✓ Globally certified: Safety, EMC, and grid compliance in over 10 countries (VDE4105, etc.).



Inverters Single Phase Series

- ✓ Max efficiency 98% - IP66 protection
- ✓ Zero-export feed-in operation
- ✓ DC Input: 200% oversizing
- ✓ In-built global MPP scan for higher yields during shadowing conditions
- ✓ Quick and easy commissioning / configuration



Single MPPT
0.6 - 3.3 kW



Dual MPPT
2.5 - 6.0 kW

INVERTERS AND MICRO-INVERTERS

Inverters Three Phase Series



DUAL MPPT
3 - 15 kW

Three Phase Series

- ✓ Max efficiency 98,3% - IP66 protection
- ✓ Low startup voltage
- ✓ Ultrawide MPPT voltage range
- ✓ Support high power solar panels
- ✓ Built-in export power control



MULTI MPPT
17 - 30 kW



MULTI MPPT
40 - 60 kW



MULTI MPPT
275 kW



80 - 125 kW

Three Phase Series

- ✓ Max efficiency over 98% - IP66 protection
- ✓ Low startup voltage
- ✓ Ultrawide MPPT voltage range
- ✓ Built-in export power control
- ✓ SPD type II protection (AC & DC)

Three Phase Series

- ✓ Max efficiency 99,03% - IP66 Protection
- ✓ 40A max input current per MPPT
- ✓ 12 MPPT trackers
- ✓ 2 strings per MPPT
- ✓ Supports high current bifacial PV modules with max PV current 20A

HYBRID INVERTERS AND ENERGY STORAGE

Hybrid Series



Dual MPPT
3.0 - 7.5 kW

Single Phase Hybrid Series

- ✓ Max efficiency 97,6%- IP65 protection
- ✓ Higher efficiency on charging and discharging up to 97.0%
- ✓ Switchover time <10ms
- ✓ Low start output voltage resulting to longer operation (higher yields) throughout the day
- ✓ On & Off-grid parallel function up to 15kW
Zero-export feed-in operation



Dual MPPT
5.0 - 15 kW

Three Phase Hybrid Series

- ✓ Max efficiency 98%- IP65 protection
- ✓ Higher efficiency on charging and discharging up to 98.5%
- ✓ Switchover time <10ms
- ✓ Less energy loss from battery to inverter
- ✓ Three-phase unbalanced output up to 50% nominal output power on single phase
- ✓ Zero-export feed-in operation

Energy Storage



5.0 - 32.5 kWh &
7.2 - 46.8 kWh

- ✓ Stackable modules, easy and fast for single-person installation.
- ✓ Unique battery heating technology which enables efficient operation at low temperatures
- ✓ Soft start protecting batteries and inverters from a sudden surge
- ✓ IP65 for both indoor and outdoor installation

Accessories

GATEWAY



- ✔ Collect and transmit operating data of OPENAX photovoltaic microinverter system.
- ✔ Monitor real-time data of each PV module in real time.
- ✔ Support 2.4G frequency band wifi connection or RJ45 network cable direct connection.
- ✔ Support IP65 waterproof level

DATA LOGGERS



Logger-Z

- ✔ Supports up to 32 devices
- ✔ Supports local & remote monitoring



Logger

- ✔ Local & Remote monitoring, setting of batch inverters and upgrade
- ✔ Support large-capacity data storage

MONITORING DEVICES



- ✔ Quick installation with "Plug & Play" function
- ✔ IP 65 dust prevention water proofing designs
- ✔ Stable data transmission and good reliability
- ✔ Data Transfer Interval 5 mins
- ✔ WiFi Plus
- ✔ Data Transfer Interval 10 sec

SOFTWARE (MONITORING)



- ✔ Quick and easy WIFI configuration
- ✔ Rich data analysis-Realtime/ Daily/Monthly/Yearly
- ✔ Check and control of the plant anytime, anywhere



EV Chargers

OPENAX EV Charger and application

OPENAX EV charging devices are fit for any electric vehicle and guarantee safe electrical flow.

Dynamic load balancing function is optional, OPENAX AC EV chargers are compatible with any PV system and have an adjustable outfit up to 32 amps. The output power of DC fast EV charging is up to 240kW.





Advantages

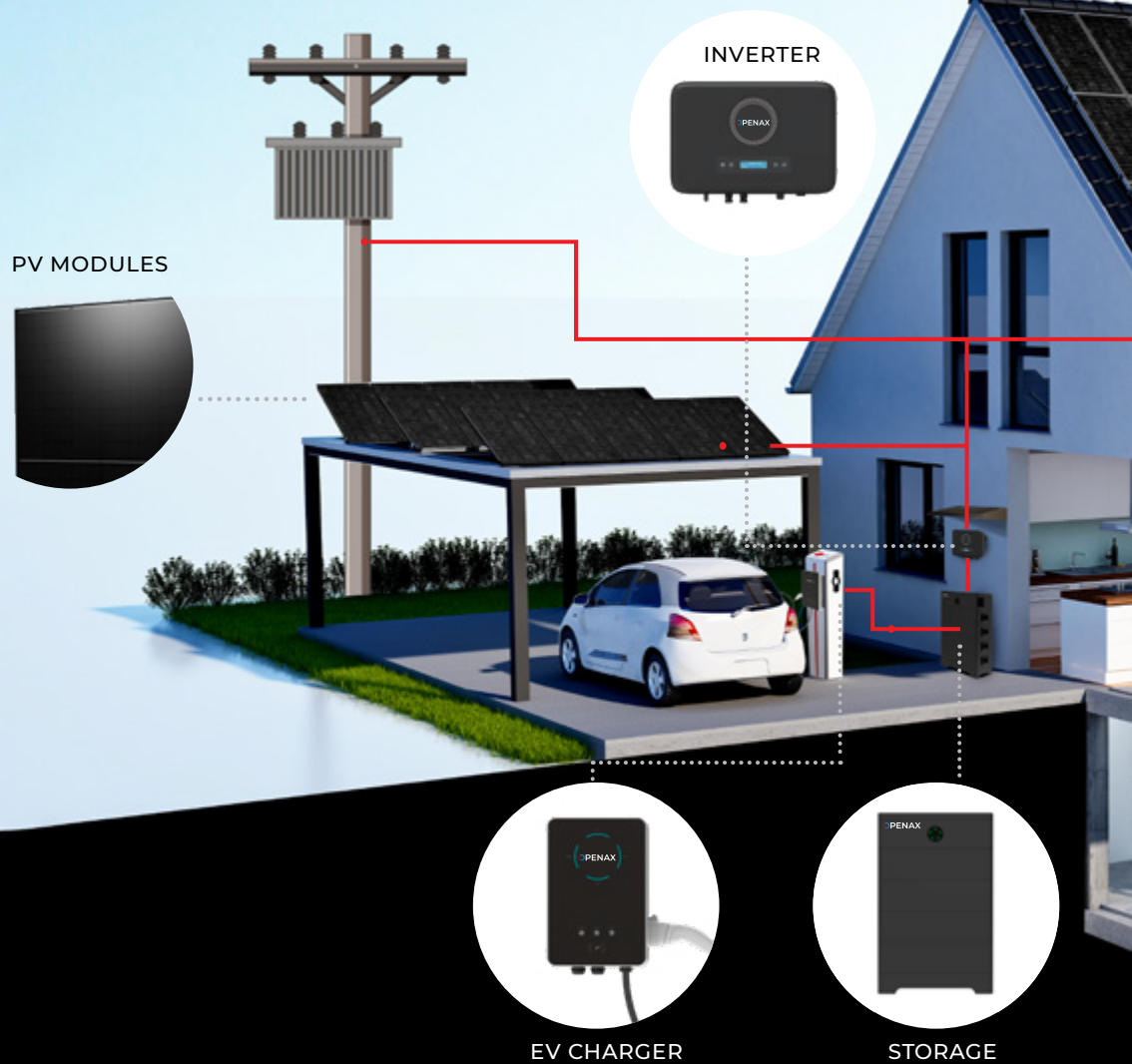
- ✓ Plug or socket outlet selectable.
- ✓ Integrated current failure monitoring (30mA AC & 6mA DC)
- ✓ Integrated with PEN protection and no earth rod
- ✓ Encrypted communication based on TLS
- ✓ Indoor and outdoor easy installation
- ✓ Integrated RFID function
- ✓ Form an intelligent photovoltaic, storage and EV charging energy system through the communication between the smart EV charger and OPENAX inverter.
- ✓ Remote setting and monitoring with APP and website
- ✓ Smart dynamic load balance control
- ✓ Set timers to reduce your cost during peak and valley price



REPOWER THE WORLD

Driven by the vision of a sustainable future, at OPENAX we support the transition of solar energy into a meaningful and integrated part of everyone's livelihood. Committed to our vision we actively contribute to the development of emerging energy solutions.

OPENAX drives households and businesses to produce energy through solar and achieve energy independence towards a sustainable future.



CREATOR OF HIGH-QUALITY SOLAR PRODUCTS

**MANUFACTURER OF HIGH-QUALITY PV PRODUCTS,
EV CHARGERS AND PROTECTION**

OPENAX is a leading new energy technology company, focusing on the R&D manufacturing of solar generation products including photovoltaic panels, Inverters and micro inverters and PV-Storage-Charging integrated solutions.

Goes Beyond Standard Products

We innovate advanced solar panels and revolutionary energy solutions, paving the way for an environmentally conscious future while maximizing your return on investment.

FRANCE - BELGIQUE - HOLLANDE - UK - ISRAËL - U.A.E

Your Best Partner for Renewable Energy
It's time to save the world!

Global partners



AN APPROVED EXPERIENCE OVER TIME

OPENAX

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