Maysun Solar

High-Performance Photovoltaic Module Sales
Photovoltaic System and Project Development Integration

www.maysunsolar.com

Who We Are

We are a photovoltaic module manufacturer founded in 2008, with our operational headquarters in Hangzhou, China.We provide solar modules suitable for various applications, such as residential, commercial, and ground-mounted photovoltaic systems.We also participate in the development and investment of industrial and commercial rooftop photovoltaic projects, as well as in the investment and acquisition services for large-scale ground-mounted photovoltaic power plants.

2008
Established

17 years of industry experience

21 global warehouses

2GW annual production capacity

94.000 tons CO_2reduction

60+ countries sales network

We Are Expanding Our Sales Network in Europe

We have localized sales and after-sales teams in Europe, with multiple in-stock warehouses in several countries, providing localized services from pre-sales and consultation to after-sales support, ensuring a quick response to the needs of European PV users.

Maysun Solar

- Company：Zhejiang GangHang Solar Technology Co., Ltd.
- Address：Room 503-505, Building 10, XinTianDi Business Center, Hangzhou City, Zhejiang Province, China
- Website：www.maysunsolar.com

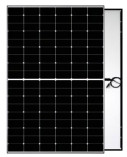
Our Products

We offer products designed and developed specifically for the European photovoltaic environment.

IBC 425-600W

Cutting-edge module technology

Gridless design and high-efficiency rear emitter structure, with no risk of glare, contamination, or hot spots, offering excellent durability and superior appearance, ideal for residential and industrial photovoltaic systems.

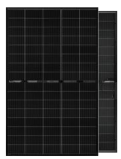


- No grid obstructions, better visual aesthetics
- No glare reflection

Twisun Pro 440-460W

TOPCon modules with 1/3 Cut technology

The 1/3 Cut cell technology effectively reduces operating temperature and minimizes heat loss, increasing overall energy production. The ideal choice for residential photovoltaic systems.



- Good in low light
- Low-temperature process reduces the thermal loss of the cells

- Improved performance, +7.22% compared to semi-cut modules
- Safe design, low current (10A) for minimal losses

- Greater fire safety, ideal for high-density residential areas
- Bifacial generation, with an increase in output power of 5%-30% under various conditions

HJT 420-720W

More efficient module technology

High-efficiency heterojunction silicon (HJT: heterojunction technology) with a thermal coefficient of up to -0.24%/°C and bifaciality ≥95%, ideal for residential, commercial, agricultural environments, and ground-mounted systems.

TOPCon 420-710W

Suitable for various application environments

TOPCon N-type photovoltaic modules use advanced N-type silicon wafer technology, offering high energy efficiency, stability, and long lifespan.

Corporate PV Investments

As a photovoltaic system integrator and module manufacturer with years of experience in the European market, **Maysun Solar** has a localized commercial and industrial development team and has achieved over 100 MW of installed capacity for C&I rooftop projects across the EU. We provide zero-risk, high-return one-stop PV solutions for high-energy-consuming enterprises such as industrial rooftops, logistics centers, and data centers. We are not only a technology provider but also a long-term partner in our clients' ESG strategies.

Core Technological Advantages

Fully Integrated and Independent Supply Chain

High-Efficiency Modules: In-House R&D and Production

Utilizing TOPCon, HJT, and IBC technologies, module efficiency exceeds 21-24%, with a 25-year linear power warranty. Certified by TÜV Rheinland (IEC 61215/61730).

Intelligent System Adaptation

Through AI-based dynamic optimization of modules, inverters, and storage, the system achieves a PR value of over 85% and increases power generation by 10-15%.

European Localized EPC Team

In strategic partnership with renowned European EPC companies, ensuring 100% compliance with grid connection standards and reducing project delivery time by 30%.

Risk Management

Full Lifecycle Protection

- Intelligent O&M: An automated IoT platform provides real-time monitoring of power plant performance and intelligent fault alerts, reducing maintenance costs and workload. Annual O&M costs remain below 2% of power generation revenue.
- Financial-Grade Insurance Coverage: Backed by renowned insurance providers, covering natural disasters and operational losses.
- Professional Certification: Certified by CE, TÜV, and other industry standards, ensuring system safety compliance and compatibility with European building regulations.

Flexible Revenue Model

Zero Investment,
Green Energy Benefits

Rooftop Lease Rental Income

Annual Rent: 1-2€/ ㎡ or 5-10€/kW

- Target Customers: Commercial and industrial enterprises with large unused rooftops, such as shopping malls, warehouses, and logistics centers.
- Collaboration Model: Customers participate through rooftop leasing.
- Lease Agreement Structure: Long-term lease agreements of 15-25 years ensure stable rental income for property owners.
- Key Benefits: Generate income from rooftop leasing, enjoy green electricity with zero investment, and receive discounts on self-consumed green power.

Reduce Energy Costs

Pay Only 40-70% per kWh

- Target Customers: Large commercial and industrial users, especially energy-intensive sectors such as manufacturing, data centers, and cold chain logistics.
- Collaboration Model: No upfront investment required; businesses benefit from discounted electricity rates.
- Contract Duration: 15-25 years, with ownership of the PV system granted upon contract completion.
- Key Benefits: Enjoy green, low-cost electricity with zero investment, significantly reducing energy expenses, lowering operating costs, and enhancing business competitiveness

Zero-Investment Ownership of a Power Plant

Benefit from Green Assets

- Target Customers: Renowned commercial or industrial enterprises, leading corporations, large groups, publicly traded companies, and major retail chains.
- Collaboration Model: Businesses with self-consumption exceeding 80% pay for electricity at market rates while enjoying green power with zero investment.
- Contract Duration: After a 5-8 year contract period, ownership of the power plant is transferred to the property owner at no cost.
- Key Benefits: Owners acquire a green asset without any investment, generate revenue, and benefit from increased asset value.

Owner Investment

High-Return Green Asset

- Target Customers: Commercial and industrial enterprises with capital, willing to invest in long-term green energy projects.
- Collaboration Model: EPC turnkey solution, providing an integrated approach covering site assessment, permitting, design, construction, and O&M.
- Ecological Benefits: Access to green electricity, enhancing ESG sustainability performance.
- Economic Benefits: Own a high-yield photovoltaic asset, benefit from government tax incentives and subsidies, and generate additional revenue by selling surplus electricity.

Ecological Value and Benefits

Enhancing ESG Development
+Carbon Asset Trading

Customized carbon footprint management platform for property owners, converting power generation into carbon reduction certificates and integrating into the EU ETS trading market for revenue.

Application Requirements

Property Load Capacity Compliance

- Company Qualifications: Registered for at least 3 years, no legal disputes, and annual electricity costs exceeding €50,000.
- Roof Requirements: Clear ownership and load capacity of ≥ 25 kg/m² (We provide free load capacity assessments if structural drawings are available).

Demand Diagnosis

Free drone mapping + energy consumption analysis, with a revenue assessment report delivered within 72 hours.

Government Approval

Full-service handling of grid connection permits, energy management department registration, and local municipal approvals.

Efficient Delivery

Modular installation technology enables the completion of a 100kW system within 15 days, minimizing production downtime.

Ground-Mounted PV Projects

— Maysun Solar —

Maysun Solar provides compliant, efficient, and high-return one-stop solutions for photovoltaic project developers, investors, and landowners in the EU and Europe. From greenfield development, financing matching, to EPC delivery and asset transactions, we empower our clients to maximize the value of their projects.

Full Chain Resource Integration Capability

Fully Independent and Controllable Supply Chain

Strong Financial Backing

Leveraging investments from Chinese enterprises and support from special renewable energy funds, along with green financial policies, we provide project financing and equity cooperation support to help projects move forward smoothly.

Technological Leadership

In-house developed bifacial double-glass modules (efficiency ≥ 22.5%) + environmentally friendly, glare-free, with a plant PR value of 88% (IEC 61724 certification), and LCOE lower than €0.04/kWh.

Localized Service

A local professional renewable energy team that can quickly respond to project client needs and efficiently handle project negotiations and transactions.

Full-Cycle Project Development Service

Full Lifecycle Protection

- Greenfield Development

Land Selection: GIS matching of solar resources (≥1,300 kWh/m²/year), grid connection points (≤5km), and land type (preferably brownfield/agriculture-compatible land).
Government Approval: Handling of ATR/AC permits, environmental assessments, and grid connection agreements (example: Portugal 200MW project approved in 8 months).

- EPC Delivery

Modular Construction: Using drone mapping + BIM modeling, 100MW project COD within 12 months, reducing construction time by 20%.
Cost Control: Leveraging in-house manufactured modules + European warehousing centers, EPC quotations are 15% lower than the market.

- Asset Operation and Exit

Smart O&M: AI predictive maintenance + drone inspections, with an availability rate of 99%, and O&M costs <€5/MWh.
Flexible Exit: Offering PPA resale, asset securitization (e.g., green bonds), or SPV equity transactions, with an IRR of 10%-14%.

Flexible Cooperation Model

Precisely Matching Customer Needs

Project Acquisition

Photovoltaic Power Generation Project

- Phase: ATR (Authorization to Proceed) or AC (Authorization for Construction).
- Mode: 100% equity acquisition.
- Scale: 5MW-500MW.
- Requirements: Complete legal, technical, and financial documentation.
- Model: BOT (Build-Operate-Transfer) or sale.
- Process: Project Introduction - NBO (Non-Binding Offer) - Sign NDA - VDR - Due Diligence - SPA (Sale and Purchase Agreement).

Project Investment

Photovoltaic, Wind Power, etc.

- Phase: Green Field; Development Phase; AC (Authorization for Construction); Construction; COD (Commercial Operation Date).
- Mode: Partial or full equity acquisition.
- Scale: 1MW-500MW.
- Requirements: ATR (Authorization to Proceed).
- Model: Joint venture or sale after completion.
- Process: Project Introduction - Verification - Discussion - Negotiation - Agreement - SPA (Sale and Purchase Agreement).

Access Criteria

- Land Requirements: Clear property rights, single plot ≥50 hectares (agricultural solar can be relaxed to 30 hectares), slope <15%.
- Grid Conditions: Pre-selected substation capacity ≥50MW, priority for connection to European Ten-Year Network Development Plan (TYNDP) areas.

Preliminary Assessment

Free Land Feasibility Report (including irradiation data, LCOE calculation, and ROI model).

In-Depth Due Diligence

Jointly issue a technical due diligence report with DNV GL to ensure the project is free of compliance issues.

Closed-Loop Delivery

Full-process digital tracking from SPA signing to COD, with key milestones reported weekly.

Maysun Solar

Maysun Solar European Branch

WhatsApp: +49 15754275217

E-mail: Brian@maysunsolar.com

Website: https://www.maysunsolar.com