

AUO



**Together
We Shine**

BenQ Group

2015.6 EN

AU Optronics

Your Reliable Partner in the PV Industry

AU Optronics (AUO) is a leading global manufacturer of TFT-LCD committed to providing green solutions to its worldwide customers in a manner that is sustainable and friendly to the environment. Besides being named to Dow Jones Sustainability World Index, AUO is also the world's first TFT-LCD manufacturer to have received a LEED Platinum Certification. In addition to its strengths in product and technological innovation, AUO stresses its commitment to going green and to utilizing manufacturing excellence to develop its solar business.

Leveraging the company's innovation ability, AUO makes efforts in providing high reliability and premium quality solar solutions. Furthermore, AUO possesses a complete solar value chain that focuses on high efficiency at each stage, including polysilicon, ingot, wafer, cell, module and system production. AUO's solar solutions fulfill the requirements in residential, commercial, and utility segments.

AUO'S PROFILE

HISTORY



WORKFORCE

45,000



REVENUE



MEMBER OF
Dow Jones Sustainability Indices
In Collaboration with RobecoSAM

High Performance Solar Modules



AUO's solar module portfolio includes mono, multi, and back-contact cell technologies with conversion efficiency rates ranging from 16-20% to meet diversified solar energy system requirements. On top of which, the company's solar products are PID-free, fireproof and resistant to salt corrosion, humidity, as well as ammonia with reliable third-party certifications, enabling them to be safely utilized in challenging weather and environmental conditions, as well as diversified circumstances.



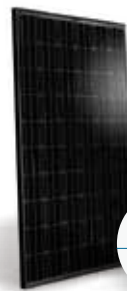
GreenTriplex
PM060P00

16.4%
265W



GreenTriplex
PM048M00

17.8%
230W



GreenTriplex
PM060M02

18.3%
295W



SunForte
PM096B00

20.4%
333W

Solar and Energy Innovations

In order to make the company's solutions more user-friendly, AUO strives to provide smarter solar energy solutions through technology innovations, such as products that are lightweight yet offer high power or provide substantial energy storage.

Aer PM060M01, the world's lightest* 60-cell crystalline-silicon module, provides higher energy while weighing 45% lighter than its conventional counterparts, significantly increasing energy output within limited rooftop space and simplifying the installation process. The lightweight design saves costs, reduces shipping and handling hassles, and is easy to install. It can also be confidently installed in a wide range of roofing materials and building structures, even in earthquake zones.

PowerLegato® carries an all-in-one design for easy installation and transportation. Its EnergyOptimizer interface supports system monitoring, error detection, PV and grid energy management and cloud-based data storage. PowerRondo® battery module offers scalable, customized optimization solutions for commercial and light industry applications.

* Based on the available market research information as of June, 2015.



Solar Power Plant Solutions and EPC



AUO has superior capabilities in providing service throughout project development to fulfill various commercial and utility needs. The company is fully experienced in facilitating all stages of power plant development with its lineup of solar modules, expertise in engineering, and knowledge in operation and maintenance service. Furthermore, the company has built an innovative platform for those who are interested in solar power plant investment.

To better assist customers with power plant operation and maintenance, AUO also offers a monitoring solution that supports local data collection, cloud-based data storage, web portal and mobile app access for a real-time tracking of system performance.



Multi-Platform Cloud Monitoring Solution



All-Round Solar Power Plant Service

Extensive System Solutions



Besides providing solar module products, AUO is dedicated to developing extensive solutions to fit customers' special needs based on their environmental conditions.

AUO G-racking Series contains innovative racking solutions, EASY ROOF EVOLUTION™ and Zep Compatible System that allow for an easier and more flexible installation process. With fewer and lighter components, the installation involves less time, fewer workers, and therefore results in less labor costs.

EASY ROOF EVOLUTION™ is a building-integrated photovoltaics (BIPV) mounting system that serves as a roof itself. It is wind-resistant, waterproof and fireproof, with the component's lightweight less than 5kg, making an easier-than-ever installation possible even in challenging environments.

The AUO PV water pumping system, with a plug-and-go design, is quick and simple to install, and minimizes maintenance and operational costs. Applications include irrigation, dripping, and sprinkler systems.



PV Water Pumping System



G-racking Series

World-Class Quality and Reliability

AUO's solar products are tested for performance and durability in standards that are three times more stringent than the IEC test requirements. These rigorous tests are carried out in state-of-the-art, in-house laboratories recognized by the UL Witness Test Data Program. All solar modules have met and exceeded internationally recognized standards, including JET, JPEC, IEC, UL, MCS, and CEC.



UL-Qualified In-House Labs



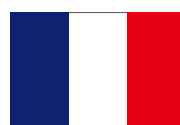
Test Standard

- Damp Heat Test 3,000 hrs
- Thermal Cycle Test 600 cycles
- Humidity Freeze Test 30 cycles

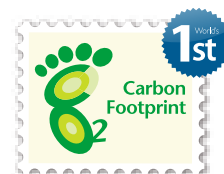


Environmental Leadership

AUO obtained the first-ever PAS 2050 Carbon Footprint Verification for a PV module. With the low carbon footprint, AUO's solar modules are compliant with the French National Tender Program's requirements administered by CRE (The French Regulatory Commission of Energy).



CRE Tender Criteria



Group Resource Synergy



AUO's High-Efficiency Solar Value Chain

			
▶ Polysilicon / Ingot / Wafer	▶ Solar Cell	▶ PV Module / BOS	▶ Project Business
			Worldwide Partners
33-year Experience	>22.5% Solar Cell Efficiency	>20% PV Module Efficiency	

Worldwide Track Records



Ground-Mounted / Largentiere, France

12
MW



Ground-Mounted / Fukushima, Japan

2
MW



Ground-Mounted / Gnotzheim, Germany

10
MW



Rooftop / Busan Subway Garage Center, Korea

1.7
MW



Ground-Mounted / Aurangabad, India

5
MW



Ground-Mounted / Verona, Italy

752
kW



Ground-Mounted / Solarpark Westmill, UK

49
MW



Carport / Alice Springs Airport, Australia

325
kW

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