



BenQ  
Solar



Together  
We Shine

# BenQ Solar

A partner you can truly rely on

BenQ Solar, a division of AU Optronics, is committed to bringing solar into your everyday life in a greener, more efficient, more reliable and easily accessible way. AU Optronics Corporation is a leading global manufacturer of TFT-LCD dedicated to greener products, manufacturing, and the way of living. BenQ Solar leverages the manufacturing strength of AU Optronics to produce top quality and innovative solar products to worldwide customers.

As a total solutions provider, BenQ Solar specializes in providing high efficiency solar solutions that cater to residential, commercial and utility customers. With a complete Solar Value Chain, including polysilicon, ingot, wafer, cell, module and system production, BenQ Solar prides itself on offering premium quality and reliable performance within a competitive cost structure. BenQ Solar products meet and exceed internationally recognized standards, including JET, JPEC, IEC, UL, MCS and CEC.



MEMBER OF  
**Dow Jones  
Sustainability Indices**  
In Collaboration with RobecoSAM

## AU Optronics Corporation's Profile

### History

Established  
12 Aug.  
1996

TAIEX: 2409  
08 Sep.  
2000

NYSE:AUO  
23 May  
2002

### Workforce As of Jan. 2014

45,000



### Revenue

FY12  
USD 13 B

FY13  
USD 14 B

## Well-Diversified Product Solutions

>20% **Module Efficiency**

DC module products, BenQ Solar also provides its leading edge AC module, AC Unison. BenQ Solar's product solutions effectively serve varied needs in residential, commercial, or utility segments. BenQ Solar modules are also compatible with Easy Roof and Zep mounting solutions.



Green Triplex  
PM060P00

16.5% 265W



Green Triplex  
PM200M00

17% 220W



Green Triplex  
PM060M02

18% 290W



SunForte  
PM096B00

20.3% 330W

The BenQ Solar module portfolio includes mono, multi and back-contact cell technologies delivering high efficiency options – with 16-20% conversion efficiency rates – that are able to meet varied solar energy system requirements. In addition to

# High Performance Residential Solar Solutions

BenQ Solar provides a variety of residential solar solutions with a focus on high performance, easy installation and enhanced safety. AC Unison, an integrated AC module solution featuring a built-in micro-inverter, can harvest 5 to 20% more energy and reduce installation time up to 50% than its conventional counterparts. BenQ Solar Aer; a super lightweight module weighing only 10.5kg while still meeting standard mechanical loading requirements, opens new possibilities for solar applications.

BenQ Solar has developed innovative racking solutions to provide greater flexibility and easier installation on different roof styles with its G-racking Series, which includes Zep Compatible System, EASY ROOF EVOLUTION, and Pitched Rack Solution.

PowerLegato is an integrated energy storage system with batteries and EnergyOptimizer Software that provides efficient utilization of its stored energy for uninterrupted power supply (UPS) and cost savings through active management of home energy.

AC Unison



G-racking Series



Aer PM060M01



PowerLegato®



## Extensive Expertise in Commercial and Utility



As a total solution provider of commercial and utility-grade solar energy systems, BenQ Solar is experienced in solar project development and project planning while integrating high-efficiency solar modules and power generation systems. BenQ Solar works closely with its global supply chain to provide its worldwide customers with on-time delivery, quality products and services, and technical support.

Long-term warranties for its products are guaranteed and backed by the financial strength of AU Optronics. With the quality assurance of various global certifications, BenQ Solar has developed successful projects with partners in Asia, America, Europe and Africa.



# Standalone and Hybrid Solar Solutions

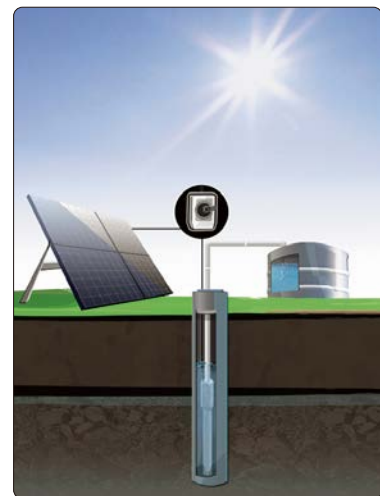
BenQ Solar's standalone and hybrid solar solutions cover various applications from water pumping, desalination, and energy storage to power stations in locations where grid power is unavailable or expensive. The BenQ Solar PV water pumping system is a reliable, low-maintenance and economical solution with a smart modular design and plug-and-go design, making installation quick and simple.

The BenQ Solar hybrid mini-grid system manages the generation, storage and usage of solar energy along with other power sources. It reduces reliance on public energy grids or diesel fuel, and creates an eco-friendly energy reserve. Designed for ease of installation and enhanced flexibility, the BenQ Solar PV container system is self-contained and can be easily dispatched to locations where people need immediate power supply.

PV Container System



PV Water Pumping System



86.4 kW

Mini-Grid System

Dongji Isle  
Taiwan



## World-Class Quality and Reliability

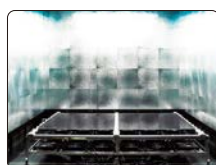
BenQ Solar products are tested for power performance and durability in its state-of-the-art in-house laboratories recognized by the UL Witness Test Data Program. The modules are tested under stringent standards, including advanced testing up to three times more severe than IEC test requirements. This prolonged exposure to harsh weather conditions gives extra confidence in quality, performance and long-term warranty coverage.



Test Standard



Environmental Chamber



Light Soaking



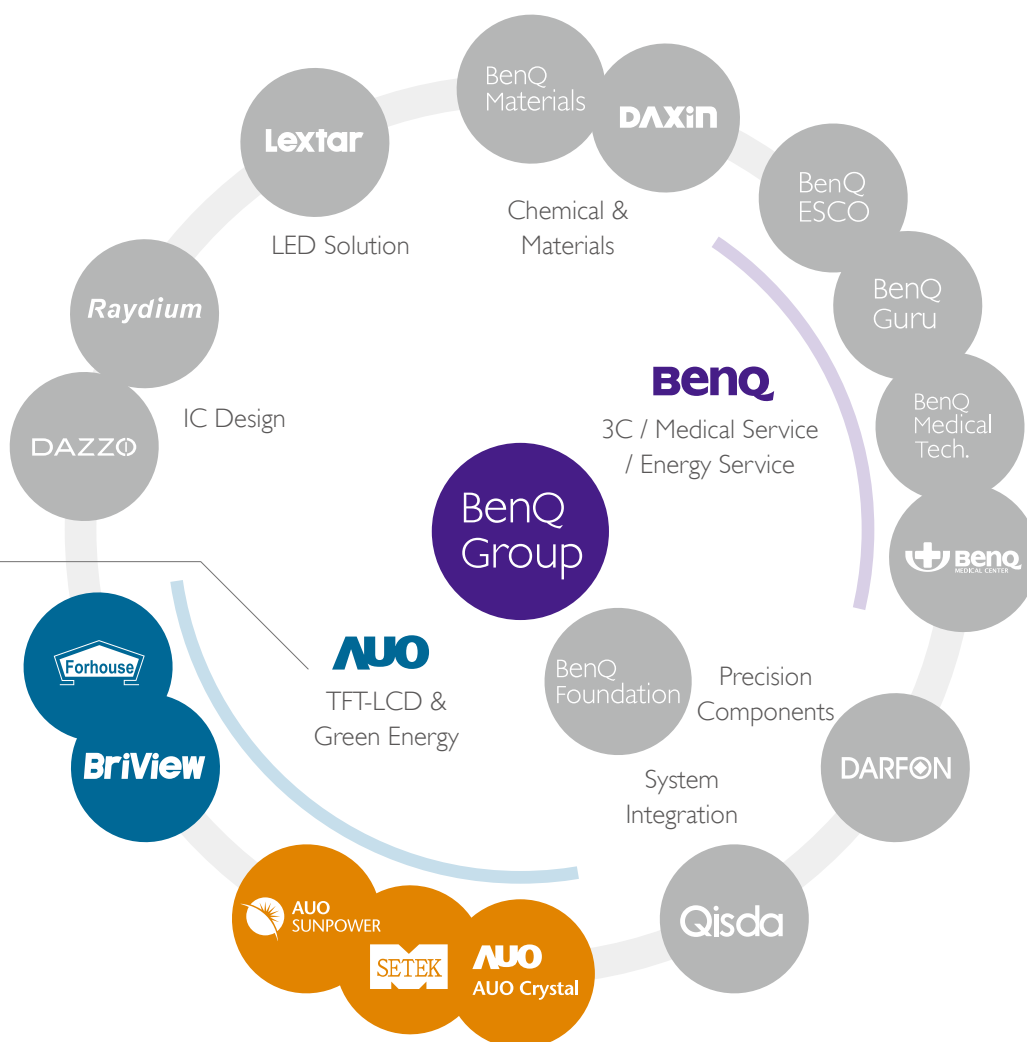
Water Spray

## Shrinking Carbon Footprint

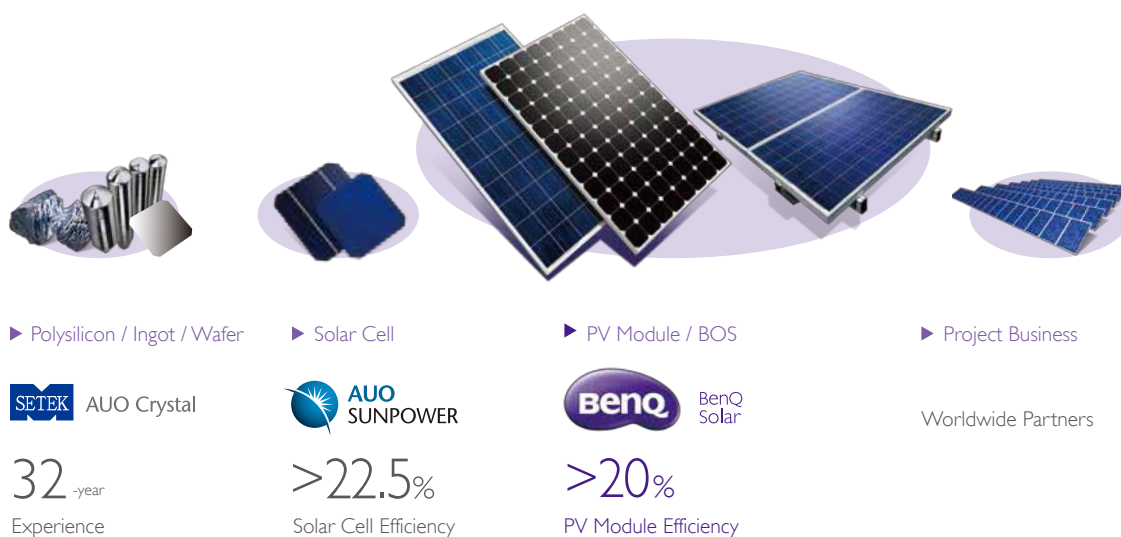
Our green commitment makes a difference. BenQ Solar obtained the first ever PAS 2050 Carbon Footprint Verification for a PV module. We have also joined the PV Cycle Association to offer sustainable energy solutions.



# Synergy with the BenQ Group



# Complete Solar Value Chain



# Projects

10<sup>MW</sup>

Ground-mounted

Gnotzheim  
Germany



1<sup>MW</sup>

Ground-mounted

Okayama  
Japan



13.3<sup>MW</sup>

Rooftop

Taichung  
Taiwan



752<sup>kW</sup>

Ground-mounted

Verona  
Italy



4.9<sup>MW</sup>

Ground-mounted

Solarpark Westmill  
UK



600<sup>kW</sup>

Tracking System

South Africa



## Global Contacts

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Visit [www.BenQSolar.com](http://www.BenQSolar.com) for more information,  
or [www.BenQSolar.com/inquiry](http://www.BenQSolar.com/inquiry) to contact us.



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