SOLAR SYSTEMS FOR YOUR BUSINESS

HANWHA Q CELLS SOLAR SYSTEMS FOR COMMERCIAL AND INDUSTRIAL USE
Buildings at Latra AG – The solar system was installed by our partner Sat Solar Swiss AG
SOLAR SYSTEMS FOR COMMERCIAL AND INDUSTRIAL USE

GENERATE YOUR OWN SOLAR ELECTRICITY – AN ECO-FRIENDLY AND RESOURCE-SAVING INVESTMENT

Hanwha Q CELLS offers you individually tailored solar solutions for a maximum return on investment.

With our attractive solar systems, you'll generate your own electricity and cut down on your operating costs.

Solar systems are one of the most environmentally safe, affordable and flexible means of generating power. Due to their modular design, they are flexible and readily adapted to geographical and infrastructural conditions. You’ll generate a secure supply of green electricity and sustainably spare the environment, because maintenance and repair costs remain absolutely minimal for the life of the system. Even today, solar power stations throughout the globe are producing green energy with results that compete with those of conventional power production – all without burdening the environment and future generations with CO₂ emissions, radioactive waste and associated follow-up costs. Investing in a solar system is a win-win situation. The environment benefits. And you benefit, too. Because Q CELLS solar systems not only have a good image, but above all generate long-term high returns, with the highest level of reliability and performance stability.

Down with electricity costs, up with power yields

Experts predict that the cost of electricity will continue to rise over the next ten years. With a Q CELLS solar system, you can gain your independence from the rising cost of electricity. The electrical power that you’ll generate yourself can be used directly in your business, reducing operating costs, increasing your profit and providing you with affordable power for the long term. With your very own solar system, you’ll generate electricity at a cost of about 20% less per kilowatt hour. Surplus power is fed into the grid in exchange for government compensation. This lowers your operating costs and gives you a decisive competitive advantage. Use the potential of your company’s rooftop and be your own power provider.

Hanwha Q CELLS – the best investment you’ll ever make

Hanwha Q CELLS Co., Ltd. (NASDAQ: HQCL) is one of the largest photovoltaic companies and is internationally renowned for high-efficiency, high quality solar cells and modules. Hanwha Q CELLS offers the full range of photovoltaic products, applications and solutions – from solar modules to kits and systems, all the way up to large-scale solar power stations.

And Hanwha Q CELLS offers excellent service and a long-term partnership to customers in energy supply, industry & business, public administration, as well as private customers. Hanwha Q CELLS is a leading company in the international solar industry and a flagship company of the Hanwha Group, one of the eight largest companies in South Korea and a member of the FORTUNE Global 500. With a cell production capacity of 5.2GW and a module production capacity of 5.5GW, the company is the largest solar cell manufacturer and one of the largest solar module manufacturers worldwide.
SOLAR SYSTEMS FOR COMMERCIAL & INDUSTRIAL
YOUR COMPANY IS UNIQUE – OUR SOLUTION IS MADE-TO-ORDER

An individual solar system – precisely tailored to your needs
The economic success of your solar system is based on optimised self-consumption of the generated solar power by your company. That’s why our experts start by analysing your individual load profile – the detailed pattern of your electricity consumption, including the costs incurred throughout the last year. Based on this profile, we design the optimum size and orientation of your system for maximum self-consumption. For the optimal design of your solar system, we’ve accumulated over 850 MW of project experience over the last ten years. We take each job as a new challenge, for which we develop the optimum solution – custom-tailored to your needs and specifications.

Hanwha Q CELLS meets the various demands of business and industry with detailed analysis, as well as precise project planning and implementation by experienced professionals.

The LCOE Champion
Hanwha Q CELLS is one of the few companies capable of offering a full-integrated solar system solution, and we also take care of the development, planning, procurement and construction, all the way up to operation and maintenance. It’s this integral approach that ensures you’ll have an optimum LCOE (levelized cost of electricity), allowing you to turn around and reinvest your savings, securing the highest possible profit for your business. And you can see, based on your LCOE, just what the cost of each self-generated kilowatt hour is. The lower the LCOE, the more cost-effective your power production.

How you benefit: Q CELLS LCOE (Levelized Cost of Electricity)

Individual analysis, project planning and implementation by experienced professionals.

Want to put your company’s potential for savings to maximum use? Ask us how! Schedule a consultation free of charge and at no obligation, and our solar experts will provide you with an individual appraisal.

We’ll analyse and evaluate your roof area for technical, financial and commercial parameters and develop the optimal solution for your company.

Contact your Hanwha Q CELLS experts for commercial and industrial operations at: +49 (0)34 94 / 66 99-23 222
YOUR PRODUCT ADVANTAGES: QUALITY, PERFORMANCE, SAFETY

Optimised components for the highest possible yields

When it comes to reliable operation and guaranteed yields, the quality of the components plays a decisive role. That’s why Q CELLS solar systems are run exclusively by Q CELLS solar modules - premium products with uncompromising quality. Another critical factor for your power yields and for maximising your return is the design of the solar system. All the components we use in our Q CELLS photovoltaic solutions, including solar modules, power inverters and mounting systems are optimally suited to one another.

Premium solar modules with guaranteed quality

Lowering your electricity costs and protecting your investment are our main focus. That’s why our solar modules are optimised to handle not just an ideal set-up in a testing laboratory but real-life conditions. In the commonly low radiation values and weak light (e.g. cloudy conditions) in Germany, Q CELLS solar modules generate optimum outputs. Due to one of the best temperature coefficients, our modules also operate with high efficiency on hot summer days.

Q CELLS Yield Security provides protection from fire-starting hot-spots and power loss from potential-induced degradation (PID). Combined with fully automated production and the VDE “Quality Tested” program – the strictest quality assurance program in the solar industry – this makes Q CELLS solar modules the most powerful and the most reliable on the market. The international solar power magazine Photon confirms this unique product quality: In the PHOTON output test 2013 and 2014, the Q CELLS solar module Q.PRO-G2 was named the best polycrystalline solar module.

High performance solar modules for optimum yields under real conditions.

12-year product warranty and 25-year linear performance warranty

High power classes reduce BoS costs

German Engineering

Hot-Spot Protect (HSP) protects you against module fires

Anti-PID Technology prevents power loss through potential-induced degradation

Traceable Quality (Tra.Q™) reliably protects you from counterfeit products

www.photon.info
Q CELLS SOLAR SOLUTIONS FOR THE COST OPTIMIZATION OF YOUR BUSINESS – THE RIGHT CHOICE - ECOLOGICALLY AND ECONOMICALLY

"We had weighed a number of different alternatives for our solar installation, and the Q CELLS flat roof solution completely won us over. The system offers savings on energy and electricity, reducing the total energy costs of the site - and all that with premium quality."

Of the 500 billion kWh of electrical energy consumed annually in Germany, around two-thirds is used in industrial plants for the production of goods and services. With ever increasing electricity prices this is a significant cost factor. Choose a photovoltaic system from Hanwha Q CELLS, and rely on a source of energy that is freely available for anyone – the sun. With a roof surface of 1,000 m², you can can produce up to 90,000 kWh of solar power a year. This electricity would cost you significantly less than what you pay your current provider and makes you less dependent on increases in the cost of electricity.

The best way to take full advantage of your savings potential is by using as much of the power you generate as possible directly in your business. Save running expenses with your own solar power, plus gain compensation for the surplus power you feed into the public power grid. In the long run, having your own solar system will also increase the value of your real estate and allow you to take social responsibility for active environmental protection in your area.

Klemens Wongorski, CEO

B&W Fahrzeugentwicklung GmbH, Wolfsburg, Germany
Constructed out of 1,800 solar modules, the largest commercial solar installation in the Swiss canton of Ticino produces clean electricity for around 110 households annually.

BAROSSA VALLEY, AUSTRALIA
90 kWp, 2013

This 90 kWp solar system with Q CELLS modules saves Barossa Vintners in Australia some 19,000 € in electricity and maintenance costs every year.

YOUR BENEFITS AT A GLANCE

- You’ll generate your own electricity for less than you pay your power provider
- You’ll have guaranteed clean solar electricity instead of electricity derived from fossil fuels or so-called grey electricity (electrical power from an unknown source)
- You’ll gain your independence from the rising cost of electricity
- You’ll be protecting the environment with clean solar power and presenting yourself as a sustainable company with a green image

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<th>Powerful technology</th>
<th>A partnership for success</th>
<th>Efficient implementation</th>
<th>Risk reduction</th>
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<td>Efficiency, versatility and reliability for top return on investment</td>
<td>As part of the Hanwha Group, we are in an excellent position, both financially and technologically.</td>
<td>Optimised system configuration and speedy completion</td>
<td>Performance guarantees, maintenance and repair services guarantee an optimum return on your investment</td>
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<td>World record-setting technology Q CELLS module effectiveness: 19.5%</td>
<td>With us, you’ll have a strong Partner</td>
<td>System cost efficiency for maximum ROI</td>
<td>Q CELLS performance warranty: 25 years</td>
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