

# Company profile of Bosch Solar Energy AG

[www.bosch-solarenergy.com](http://www.bosch-solarenergy.com)



**BOSCH**

Invented for life

**With over 1,700 employees and a head office in Erfurt, Germany, Solar Energy is currently the newest business division in the Bosch Group. From solar cells and modules to complete solar power plants, Bosch Solar Energy offers high-grade photovoltaic products to generate electricity from sunlight, thus helping to protect the environment and combat climate change. To do so, we consistently focus on product quality.**

## Our core business

Bosch Solar Energy supplies first-class solar cells and modules with high annual yields, even under sub-optimal levels of sunlight. The fundamental basis for such efficient operation consists of state-of-the-art production equipment and highly effective processes. Since 2009, we have also been constructing turn-key solar power plants to order, which feature fully developed technologies with corresponding operating efficiency. This we can guarantee thanks to optimally matched components. As a system provider, we plan to offer you in the mid-term all components required to build a photovoltaic power plant and thus supply everything you need from a single source: Bosch.

## Our vision

As a strong, globally active company in the photovoltaics sector, we help to eliminate carbon dioxide generation during energy production. We aim to ensure that photovoltaics represent a significant proportion of the future energy mix. To achieve this, we are permanently improving performance in our

“The Bosch brand is known throughout the world and is synonymous with long-standing tradition, technical expertise and international presence. We seek to live up to such a standard with our innovative products and solutions. This is what we strive for on a day-to-day basis.”



Holger von Hebel, CEO

cells and modules while working to reduce production costs and develop future solar cell and module concepts. All this is guided by our vision as a global, future-oriented technology leader to contribute towards a safer, cleaner supply of energy, while offering competitive prices.





Environmentally friendly electricity  
for 250 four-person households



## Bosch Solar Energy's product portfolio

Our motto is to be a technology leader and a reliable partner, to ensure an excellent price-performance ratio and to deliver optimum product quality. To do so, we bring together the range of expertise available in Bosch Solar Energy's different departments and use it to create added value.

Our impressive performance and know-how are reflected in our product portfolio:

	<p><b>Our crystalline solar cells:</b></p> <ul style="list-style-type: none"> <li>▶ Monocrystalline</li> <li>▶ Multicrystalline</li> <li>▶ 3-busbar</li> </ul>	<p><b>How you benefit:</b></p> <ul style="list-style-type: none"> <li>▶ High annual yields, even under sub-optimal levels of sunlight</li> <li>▶ Effective processing due to narrow performance tolerances</li> <li>▶ Reliability of supply for both the short and long term due to high production capacity</li> <li>▶ 3-busbar technology reduces transmission losses in the module and helps to improve performance</li> </ul>
	<p><b>Our crystalline solar modules:</b></p> <ul style="list-style-type: none"> <li>▶ Monocrystalline</li> <li>▶ Multicrystalline</li> <li>▶ With 48 or 60 solar cells</li> </ul>	<p><b>How you benefit:</b></p> <ul style="list-style-type: none"> <li>▶ Use of optimum components which comply with European standards</li> <li>▶ Excellent processing throughout the value creation chain and guaranteed long-term stability</li> <li>▶ Higher specific yields due to positive power output category</li> </ul>
	<p><b>Our silicon thin film modules:</b></p> <ul style="list-style-type: none"> <li>▶ Micromorphous</li> <li>▶ With or without hardened front glass</li> <li>▶ With or without frame</li> </ul>	<p><b>How you benefit:</b></p> <ul style="list-style-type: none"> <li>▶ Use of non-toxic materials</li> <li>▶ Easy installation due to use of standard components</li> <li>▶ Effective performance also achieved on east-sloping, west-sloping, or slightly sloping roofs</li> <li>▶ Higher specific yields due to positive power output category</li> </ul>
	<p><b>Our solar power plants:</b></p> <ul style="list-style-type: none"> <li>▶ Crystalline technology</li> <li>▶ Thin film</li> <li>▶ With a nominal output starting at around 1 MWp</li> </ul>	<p><b>How you benefit:</b></p> <ul style="list-style-type: none"> <li>▶ Client-oriented project planning of turn-key solar power plants</li> <li>▶ Future-proof investment due to solid structures of a globally active company</li> <li>▶ Projects implemented worldwide through international networks</li> <li>▶ Bosch Solar Energy's combined expertise and renowned partners</li> </ul>

## ▶ Available early 2011: our high-yield CIS thin film modules!

Company details	
<b>Head office:</b>	Erfurt, Germany
<b>Production locations:</b>	Arnstadt, Germany; Brandenburg an der Havel, Germany; Erfurt, Germany
<b>Executive management:</b>	Holger von Hebel (CEO), Jürgen Pressl (COO), Dr. Volker Nadenau (CTO), Peter Schneidewind (CSO)

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