



**Q CELLS**

**Best polycrystalline solar module 2013**

**Q.PRO-G2 235**

**151 modules tested**



**Q CELLS**

**Best polycrystalline solar module 2014**

**Q.PRO-G2 235**

**174 modules tested**

# TOP PERFORMER

## Q CELLS SOLAR MODULES: OUTSTANDINGLY HIGH YIELD

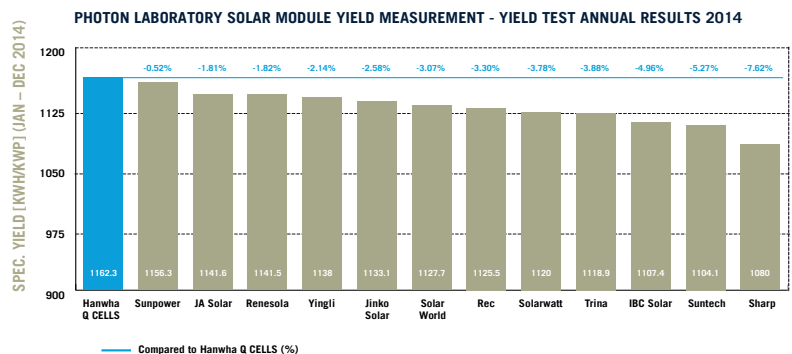
### BEST POLYCRYSTALLINE SOLAR MODULE ON THE MARKET

The 2013 and 2014 PHOTON yield tests proved the Q.PRO-G2 solar module from Q CELLS to be the polycrystalline module with the highest yield. The Q.PRO-G2 235 Wp solar module tested by the renowned specialist journal PHOTON already had an outstanding performance ratio of 93.3%. Now, Hanwha Q CELLS customers can take advantage of the improved G4 generation of solar modules. Thanks to Q.ANTUM cell technology, Q CELLS solar modules now guarantee even higher yields with even better reliability.

#### PHOTON YIELD MEASUREMENT - MAIN FACTS

- tested: 174 solar modules from 107 manufacturers
- Test period: January – December 2014
- Q.PRO-G2 annual yield: 1,086.9 kWh/kWp
- Site: Aachen, Germany
- Alignment / angle: 180° (South)/28°

For more information, visit [www.photon.info](http://www.photon.info)



### Q CELLS SOLAR MODULE PRODUCE TOP YIELDS ON THE GRID – NOT JUST ON PAPER

The annual outdoor test demonstrates that Q CELLS solar modules outperform the competition under real conditions and achieve even higher yields than in PVsyst simulations. Our modules are designed to produce optimal yields both under low light conditions and in midsummer heat. The Photon test proves it – our solar modules perform brilliantly under real-life conditions and not just as values on a data sheet.



#### EXCELLENT PERFORMANCE UNDER LOW LIGHT

Max. 2% loss of efficiency at 200 W/m<sup>2</sup> with respect to efficiency at 1,000 W/m<sup>2</sup>.



#### ANTI-PID TECHNOLOGY AND HOT-SPOT PROTECT

No loss of performance due to potential-induced degradation; Hot-Spot Protect to prevent module fires.



#### A RELIABLE INVESTMENT

12 year product warranty and 25 year linear performance warranty (maximum performance loss of 0.6% a year).



#### OPTIMAL TEMPERATURE COEFFICIENT

Thanks to a temperature coefficient ( $P_{mp}$ ) of -0.41%/K, Q CELLS modules produce reliable yields at high temperatures (<http://www.dkasolarcentre.com.au/>).

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Engineered in **Germany**

