



POLYCRYSTALLINE SOLAR MODULE

# Q.PRO-G2

THE CLASSIC FOR ALL APPLICATIONS



# THE JACK OF ALL TRADES

## RELIABLE AND SECURE



**Q.PRO-G2 can be used for all applications. It is the reliable and secure classic for photovoltaic systems.**

### YOUR BENEFITS

With power classes of up to 250 Wp, Q.PRO-G2 is the strongest 60-cell module of its type on the global market.

Because we pay attention to detail:

- Higher output thanks to positive sorting +5 W/-0 W.
- Highest reliability thanks to Q.CELLS Yield Security with Anti PID Technology, Hot-Spot Protect, and Tra.Q™.
- Sophisticated cell design allows for higher yields even in low light conditions.
- Higher performance utilisation thanks to optimised cell distances.
- Highest safety standards thanks to waterproof junction box and connectors as well as an extremely stable frame.
- Best guarantees on the market.





**Know-how, innovation, and experience have made Hanwha Q.CELLS the technology leader in the solar industry. Hanwha Q.CELLS offers German engineering from Bitterfeld-Wolfen. Our Q stands for top quality. And quality is also the best guarantee for your long-term returns.**

**That's why our complaint rate is one of the lowest in the photovoltaic industry, since our modules run like Swiss clockwork.**

**The Hanwha Q.CELLS innovations of Anti PID Technology<sup>1</sup>, Hot-Spot Protect, and Tra.Q™ guarantee you peace of mind, knowing that your photovoltaic system achieves the highest solar energy yields safely and reliably, year after year.**

### **THE BEST PRODUCT DESIGN**

- Flex-resistant frame for wind and snow loads of up to 5,400 Pa (as per IEC 61215). Our frame even withstood wind speeds of 350 km/h in the cyclone testing station.
- Junction box and connectors of protection class IP 68.
- Maximum reverse current load capacity of 20 A.
- 1,210 mm long module cable.

### **THE MOST COMPREHENSIVE QUALITY CONTROLS**

- Continual checks in largest, proprietary module test center in the industry with 16 climate chambers and test facilities for all relevant stress tests.
- 2-3 times stricter tests than specified by the IEC standards.
- Strictest quality control program in the industry with VDE Quality Tested. Repeat tests are obligatory for the first time.

<sup>1</sup> PID-resistant as per TÜV criteria (cells at -1,000 V relative to grounded, metal foil-covered module surface, 25 °C, 168 h)

# PHOTOVOLTAICS ARE WORTH IT DECLARE YOUR INDEPENDENCE

Become independent from ever-increasing electricity prices, CO<sub>2</sub> emissions, and pollution with the **Q.PRO-G2** solar modules. The sun shines for free and delivers reliable, environmentally friendly, and cost-efficient electricity for the future. A photovoltaic system with **Q.PRO-G2** modules is low maintenance and has an almost unlimited service life. The outstanding ecobalance gives an energy payback time of just one year.

Generate your own electricity with **Q.PRO-G2** and save money. The LCOE (levelised cost of electricity) has already proved it: your own electricity generated by Hanwha Q.CELLS solar modules is cheaper than that from your local energy provider. If you use 100% of your PV electricity, it will cost you just 16.7 € cent/kWh for 20 years – including all startup and running costs. Compared with your energy provider, you can now save approx. 9 € cents – and price increases are a thing of the past. If you feed the electricity to the grid, the feed-in tariffs will guarantee you up to 8.4%.

## EXAMPLE<sup>1</sup>

Location	Munich, Germany
Irradiation	1,149 kWh/m <sup>2</sup>
Roof area	40 m <sup>2</sup>
Roof orientation	South
Installation angle	30°
Solar modules	20 x Q.PRO-G2 250
Installed capacity	5 kWp
Annual energy yield	5,280 kWh
Return on investment	8.4 %
LCOE (your electricity price)	16.7 € cent/kWh
Electricity price of your electricity provider	25 € Cent/kWh

<sup>1</sup> System price: 2,125 €/kWp. Feed-in tariff (Germany): 0.1931 €/kWh. All values subject to changes..



# SOLAR POWER FOR YOUR HOME

## YOUR PHOTOVOLTAIC SYSTEM IS JUST A FEW STEPS AWAY

### 1. INFORMATION & ADVICE

Find out more about our products and our partners at [www.q-cells.com](http://www.q-cells.com). Our Hanwha Q.CELLS partners will be delighted to advise you about the particular features and requirements of your roof.

### 2. FINANCING

Talk with your accountant or banker about individual financing models, subsidy programs, and tax benefits.

### 3. INSTALLATION

Commission the Hanwha Q.CELLS partner to install your solar plant.

### 4. REGISTRATION & SERVICE

Register the system with the Grid Agency. Your Hanwha Q.CELLS partner will deal with connecting the system and the acceptance of the system by the responsible energy provider.

### 5. VAT REIMBURSEMENT & INSURANCE

Please consult your local inland revenue office about an official tax number so that you can receive reimbursement for your VAT payments. Insure your system against any power failures, e.g., during bad weather.

### 6. TECHNICAL SERVICE

Arrange for your installation contractor to register your system with Hanwha Q.CELLS. This ensures faster technical service.

### 7. SECURE YOUR INDEPENDENCE

Enjoy your independence and a secured energy supply for many years to come.



## CONTACT

HANWHA Q.CELLS GMBH  
OT Thalheim  
Sonnenallee 17–21  
06766 Bitterfeld-Wolfen  
Germany

TEL +49 (0)3494 66 99 - 23444  
FAX +49 (0)3494 66 99 - 23000  
EMAIL [sales@q-cells.com](mailto:sales@q-cells.com)  
WEB [www.q-cells.com](http://www.q-cells.com)

