

September 9, 2016

## **SPI 2016: Hanwha Q CELLS Completes Strong Q.ANTUM Portfolio with Monocrystalline Solar Module Series "Q.PEAK"**

- **Q.PEAK Q.ANTUM modules reaching up to 370 Wp (72 cell) and 305Wp (60 cell) will be available starting from Q3 2017 and Q1 2017 respectively**
- **Half-Cell and Double Glass prototypes take Q.ANTUM to the next level**
- **Q CELLS' Q.ANTUM technology for higher yields and lower LCOE matured through more than 440 million or 2 GW of solar cells produced since 2012**

IRVINE, Calif., Sept. 9, 2016 /PRNewswire/ -- Hanwha Q CELLS Co., Ltd. ("Hanwha Q CELLS" or the "Company") (NASDAQ: HQCL), one of the world's largest photovoltaic manufacturers of high-quality, high-efficiency solar modules, today announced that it will unveil a complete series of new monocrystalline solar modules and prototypes based on the company's proprietary Q.ANTUM technology at Solar Power International (SPI) in Las Vegas from September 13-15, 2016. The new monocrystalline Q.ANTUM modules will be called "Q.PEAK" and are set to supplement the award winning Q.PLUS range of polycrystalline solar modules, thus completing the strong product portfolio of Q.ANTUM based solar modules for higher yields enabling lower LCOE. The Q.PEAK modules, which will come in 60- and 72-cell form factors and reaching up to 305 Wp and 370 Wp respectively, will be on sale starting in Q1 2017 and Q3 2017 respectively. Exciting prototype products for release in Q4 2017 will also be displayed **at booth 2337 in the North Hall at SPI: Q.PEAK prototypes using half-cell and double glass technologies will take Q.ANTUM to the next levels in terms of efficiency and performance as well as durability in harsh climates.**

### **Hanwha Q CELLS emphasizes continuous growth ambition in U.S. solar market**

With the launch of the more complete solar portfolio of Q CELLS at SPI 2016, Hanwha Q CELLS demonstrates its commitment to strengthen its market presence in the US solar market. "We cannot wait to present our current and next generation of Q.ANTUM products to PV customers in the USA," said Mr. Seong Woo Nam, Chairman and CEO of Hanwha Q CELLS. "Our new, enhanced and 'Engineered in Germany' Q.ANTUM product portfolio is set to meet and exceed the expectations of PV customers and investors in the USA. Moreover, we continue to build on our ability to supply large scales of tariff-free, high performance and quality modules along with corporate stability and reliability as one of the world's largest solar companies and a part of the Fortune Global 500 business enterprise, Hanwha Group."

### **Q.PLUS and Q.PEAK: Award winning state of the art meets the next level of power and performance - altogether based on record breaking Q.ANTUM technology**

The Company's highlights at this year's SPI will be the current polycrystalline solar modules, the monocrystalline next generation modules, as well as the monocrystalline prototypes using half-cell and double glass technologies - all based on Hanwha Q CELLS' proprietary and matured Q.ANTUM technology. Today, Q.ANTUM is the most advanced and matured PERC-based technology in the industry, as proven by world efficiency records as well as a track record of more than 440 million Q.ANTUM solar cells produced since 2012, equalling 2 GW. The latest world efficiency record for polycrystalline solar modules in standard size (1670 x 1000 mm<sup>2</sup>) is held by a Q.ANTUM module prototype of 19.5% and a power output of 301 watts, as confirmed by the independent Fraunhofer ISE institute. Q.ANTUM solar modules offer all of Q CELLS' VDE certified quality standards like Anti-PID protection, Hot-spot protect, and Tra.Q laser marking.

### **At the Hanwha Q CELLS booth, visitors will be able to experience the full spectrum of Q.ANTUM solar modules:**

- 1 The **Q.PLUS BFR-G4.1/TAA** comes in 60 polycrystalline cells, a black frame, and power class of up to 290 Wp. The Q.PLUS BFR-G4.1/TAA will be eligible in public tenders in the USA and are TAA compliant.
- 1 The **Q.PLUS L-G4.2/TAA** is a 72 polycrystalline cell Q.ANTUM module with up to 345 Wp and will be eligible in public tenders in the USA (TAA compliant).
- 1 The **Q.PEAK BLK-G4.1** is based on monocrystalline wafers using Q.ANTUM technology. This 60 cell all black module reaches up to 300 Wp power output and will be available starting in Q1 2017 with a white back sheet option reaching up to 305 Wp.
- 1 The **Q.PEAK L-G4.2** is based on monocrystalline wafers featuring 72 black cells, a white back sheet, a silver frame, and reaches up to 370 Wp power output with availability starting in Q3 2017.
- 1 The **Q.PEAK-G4.1/MAX** combines the advantages of cell-string optimizers with Q.ANTUM technology.
- 1 The **Q.PEAK-G4.1/H and the Q.PEAK BLK-G4.1/H prototypes** come in a black and white appearance. Both add

half-cell technology to Q.PEAK, boosting power output to up to 315 watts from a 60 cell solar module.

- Finally, the **Q.PEAK L-G4.2/GH prototype** combines half-cell and double glass technologies on monocrystalline Q.ANTUM for optimal performance and durability in harsh climates with up to 380 Wp power output.

## About Hanwha Q CELLS

Hanwha Q CELLS Co., Ltd. (NASDAQ:HQCL) is one of the world's largest and most recognized photovoltaic manufacturers for its high-quality, high-efficiency solar cells and modules. It is headquartered in Seoul, South Korea (Global Executive HQ) and Thalheim, Germany (Technology & Innovation HQ). With its diverse international manufacturing facilities in Malaysia and China, Hanwha Q CELLS is in a unique position to flexibly address all global markets. Hanwha Q CELLS offers the full spectrum of photovoltaic products, applications and system solutions. Through its growing global business network spanning Europe, North America, Asia, South America, Africa and the Middle East, the company provides excellent services and long-term partnership to its customers in the utility, commercial, government and residential markets. Hanwha Q CELLS is a flagship company of Hanwha Group, a FORTUNE Global 500 firm and a Top 10 business enterprise in South Korea. For more information, visit <http://investors.hanwha-qcells.com>.

## Safe-Harbor Statement

This press release contains forward-looking statements. These statements constitute "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and as defined in the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates" and similar statements. Among other things, the quotations from management in this press release and the Hanwha Q CELLS' operations and business outlook, contain forward-looking statements. Such statements involve certain risks and uncertainties that could cause actual results to differ materially from those expressed in or suggested by the forward-looking statements. Further information regarding these and other risks is included in Hanwha Q CELLS filings with the U.S. Securities and Exchange Commission, including its annual report on Form 20-F. Except as required by law, Hanwha Q CELLS does not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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