Q.PEAK DUO-G5: HANWARA Q CELLS INTRODUCES Q.ANTUM HALF-CELL MODULE SERIES TO EUROPEAN SOLAR MARKETS

- Q.PEAK DUO-G5 with power classes up to 330 Wp and Q.PEAK DUO BLK-G5 with up to 320 Wp now available for European solar customers
- Monocrystalline half-cut Q.ANTUM cells with six bus bars and round wires maximize energy yields and optimize LCOE
- Q.ANTUM technology ensures superior real life performance thanks to minimizing degradation effects – especially LID and LeTID

Thalheim (Bitterfeld-Wolfen), Germany, January 25, 2018 Hanwha Q CELLS Co., Ltd. (NASDAQ: HQCL), the world’s largest solar cell producer (2017) today announced that its first solar module series with monocrystalline half-cut solar cells is now available for customers in Europe. The Q.PEAK DUO-G5 series combines a whole range of technological innovation to reach maximum electricity yields and lowest LCOE (levelized cost of electricity). Monocrystalline half-cut cells with six bus bars, the company’s proprietary Q.ANTUM cell technology for higher efficiency and minimized degradation as well as round wires enable the module to reach power classes of up to 330 Wp from 120 half-cells. In Europe, the Q.PEAK DUO-G5 series is now on sale in two versions: The Q.PEAK DUO-G5 with up to 330 Wp and Q.PEAK DUO BLK-G5, featuring black back sheet and frame, with power classes up to 320 Wp.

Maengyoon Kim, EU Sales Head at Hanwha Q CELLS said: “European solar customers now have the chance to purchase, what we believe to be the best product in terms of Euro per kWh on the market today.” He added: “Its price performance ratio will make the Q.PEAK DUO-G5 series enormously attractive to residential customers as well as to small and mid-sized companies who seek to effectively lower their energy bills with solar power. This product will be a driver behind Hanwha Q CELLS’ attempt to become the clear solar market leader in Europe in 2018.”

Daniel JW Jeong, Global CTO of Hanwha Q CELLS commented: “We are very proud to be the first company to present a mass produced monocrystalline half-cell solar module to European markets. Even more importantly, the Q.PEAK DUO-G5 series sets the new benchmark for achieving lowest LCOE for the customers.” He added: “In order to reach that, the module combines our latest technological innovation, both on cell and on module level. Thus, the Q.PEAK DUO-G5 is a very strong statement for the technology leadership of Hanwha Q CELLS in solar industry.”

Maximized efficiency on all levels: Q.PEAK DUO-G5

In order to increase yields by reducing resistive losses on cell and module levels, the Q.PEAK DUO series features half-cut solar cells with six bus bars. Round wires cast less shadows on the cells and even reflect some light back onto the cell. Finally, Hanwha Q CELLS’ proprietary Q.ANTUM technology maximizes the efficiency on cell level. On top of the rear side passivation of the solar cell (PERC), Q.ANTUM offers many additional features that differentiate it from conventional PERC. An especially notable feature is that Q.ANTUM technology controls the degradation effects of LID (light
induced degradation) and LeTID (light and elevated temperature induced degradation), which can severely reduce the performance of conventional PERC solar modules not only in the first phase of operation, but also throughout its lifetime. Therefore, it is critical for PV customers to select a module manufacturer who understands and controls these effects.

In this sense, the Q.PEAK DUO-G5 module series not only impresses with high power ratings on paper, but also excels performance in real life conditions. Hanwha Q CELLS underscores this fact by providing a 12-year product warranty – complemented by exclusive performance warranties of 98 % in the first year, a minimum of 93 % within 10 years and still 85 % after 25 years.

**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-performance, high-quality 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, South Korea and China. Hanwha Q CELLS offers the full spectrum of photovoltaic products, applications and solutions, from modules to kits to systems to large-scale solar power plants. 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 8 business enterprise in South Korea. For more information, visit: www.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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