

Q CELLS to introduce Q.PLUS DUO-G5 module at CISOLAR exhibition, Ukraine

- **Q CELLS' new multicrystalline half-cell module, the Q.PLUS DUO-G5, will be showcased at Ukraine's largest solar trade fair, CISOLAR**
- **The Q.PLUS DUO-G5 is an ideal solution for Ukraine's dynamic utility-scale solar segment and growing C&I sector**
- **Q CELLS' Head of Sales Eastern Europe, Adrian Kocan, said: "After an extremely encouraging 2018, we believe Ukraine is set to enjoy another strong year of solar installations in 2019. The generous feed-in tariff for utility-scale solar plants makes Ukraine an attractive market for Q CELLS, and our half-cell multicrystalline module, the Q.PLUS DUO, is a perfect fit."**

[Berlin, Germany, April 17, 2019] Hanwha Q CELLS GmbH ("Q CELLS" or "The Company"), the German subsidiary of one of the largest solar cell and module manufacturers in the world, Hanwha Q CELLS Co., Ltd, is to launch its new Q.PLUS DUO-G5 solar module in the Ukrainian solar market by showcasing it at the forthcoming solar trade fair in Kiev, CISOLAR.

The Q.PLUS DUO-G5 is the first multicrystalline solar module from Q CELLS to use half-cells, following in the footsteps of the successful Q.PEAK DUO module series, a half-cell monocrystalline solar module series which has won several awards including the renowned Intersolar Award 2018.

Developed as an ideal solution for ground-mounted solar power plants, the Q.PLUS DUO-G5 boasts a higher yield per surface area and lower balance of systems (BOS) costs than standard multicrystalline solar modules. It is available in power classes up to 315 Wp and features the cutting-edge technological and security features of Q.ANTUM technology, including excellent Anti-LID (light induced degradation) and Anti-PID (potential induced degradation) performance, as well as Hot-Spot Protect and traceable quality with Tra.Q laser identification to protect against counterfeiting.

Q CELLS debuts at CISOLAR with the Q.PLUS DUO

The Ukrainian solar market continues to hold exceptional potential. This year, Q CELLS is to exhibit at CISOLAR for the first time ever, having exhibited at other solar energy-related shows in the country for the past two years. However, CISOLAR is the largest dedicated solar exhibition in Ukraine, and one of the most well-attended such events in Eastern Europe, with more than 5,000 visitors and 100+ exhibitors expected to attend this two-day show, which runs from April 17 to 18.

Interest in solar PV in Ukraine has been strong for many years. Official data from the Ukrainian Association of Renewable Energy (UARE) recently revealed that 645.6 MW of new solar capacity was installed in 2018, putting the nation's cumulative figure at 1.33 GW. This upsurge in growth has been underpinned by a feed-in tariff (FIT) of €0.1502/kWh for ground-mounted solar farms that are connected to the grid between 2017 and 2019.

There is also encouraging growth in the rooftop sector – of the 1.33 GW of current capacity, 121 MW was installed on small-scale rooftops, which benefit from a net metering scheme.

Beyond this year, the Ukrainian government is poised to introduce an auction mechanism in 2020 that promises to ensure sustainable growth in the nation's solar sector and renewables sector more widely as the country makes a concerted effort to wean itself off of an overreliance on energy imports.

Given the current strength of the market and Ukraine's ambitious energy plans, Q CELLS' focus is on meeting growing demand for high quality solar modules, across both the rooftop and utility-scale segments. The Q.PLUS DUO-G5 has an efficiency rate of up to 19.0% and delivers a low levelized cost of electricity (LCOE) due to its high module power output and optimized design. Thus, the Q.PLUS DUO-G5 is an ideal solution for Ukraine – in particular the ground-mounted sector and the commercial and industrial (C&I) space, which has a lot of untapped potential in the country.

Q CELLS' Head of Sales Eastern Europe, Adrian Kocan, said: "After an extremely encouraging 2018, we believe Ukraine is set to enjoy another strong year of solar installations in 2019. The generous feed-in tariff for utility-scale solar plants makes Ukraine an attractive market for Q CELLS, and our half-cell multicrystalline module, the Q.PLUS DUO, is a perfect fit.

"The Q.PLUS DUO-G5 is a Q.ANTUM technology solar module that utilizes Q.CELLS' unique, patent-protected passivation technology to increase the life and power output of solar cells. They are durable and high performance, and ideal for meeting the needs of solar developers operating in Ukraine."

Q CELLS will exhibit at booth No. A72 at the CISOLAR exhibition, Kiev, Ukraine, April 17-18.

About Hanwha Q CELLS GmbH

Hanwha Q CELLS GmbH is the German subsidiary of Hanwha Q CELLS Co., Ltd. Hanwha Q CELLS GmbH is responsible for the R&D, sale, and installation of a full spectrum of solar components—from modules and kits to systems and large-scale solar power plants—across all European markets, as well as Latin America, the Middle East, and North Africa. Hanwha Q CELLS GmbH's parent company, Hanwha Q CELLS Co., Ltd., has diverse international manufacturing facilities in Malaysia and China.

Safe-Harbor Statement

This press release contains forward-looking statements. 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. 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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