

Hanwha Q CELLS launches Q.HOME⁺ ESS HYB-G2 scalable energy storage system in Germany

- **Latest iteration in Q CELLS' storage product range is a modular system that can be scaled from 4 kWh to 20 kWh**
- Q.HOME MANAGER enables homeowners and small businesses to better monitor their energy usage
- Hanwha Q CELLS Head of Sales EU, Maengyoon Kim **remarked: "The Q.HOME⁺ ESS HYB-G2 energy storage system further cements Hanwha Q CELLS' position as a full solutions provider of quality products for Germany's competitive solar and storage market."**

[Berlin, Germany, November 21, 2018] Hanwha Q CELLS Co., Ltd. ("Hanwha Q CELLS" or "The Company"), one of the largest solar cell and module manufacturers in the world, has today announced the launch of its new scalable and modular energy storage system – the Q.HOME⁺ ESS HYB-G2 – in Germany.

The Q.HOME⁺ ESS HYB-G2 is a bundled product that comprises a scalable energy storage system (ESS) complete with hybrid (HYB) inverter, integrated with the Q.HOME MANAGER, the energy management control platform.

This new storage solution has been developed to help homeowners and small businesses make cost-saving decisions on their energy use patterns while take firmer control of how and when they store and consume their solar energy.

This latest iteration – which complements Q CELLS' existing All-In-One solution, the Q.HOME⁺ ESS-G1 inverter, battery and management system – is initially sized at 4.0 kWh and can be scaled up to a maximum of 20 kWh capacity, at increments of 4 kWh each time. Such modularity makes the Q.HOME⁺ ESS HYB-G2 an ideal solution for end-consumers that may wish to start small with their storage, and scale upwards as and when required.

A smarter way to store and consume

By integrating a hybrid bi-directional inverter into the system, the Q.HOME⁺ ESS HYB-G2 battery can **rapidly and efficiently adapt to the customer's consumption needs.**

Installation of the Q.HOME⁺ ESS HYB-G2 system is quick and simple, and its plug-and-play functionality means that consumers can begin enjoying the benefits of their energy independence immediately. The lithium-ion battery cells – supplied by Samsung SDI – and the single phase inverter – produced by Hansol Technics – are backed by a 10-year system and performance warranty for consumer peace-of-mind.

Supporting **Germany's storage revolution**

Ever since paving the way for the world to adopt solar energy, Germany has since switched its sights to the next big **hurdle on PV's path** – reliable and affordable battery storage. In August, Germany

reached the major milestone of 100,000 storage systems installed nationwide, with the German Solar Trade Association (BSW) forecasting that this figure is set to double in the next two years.

While a large portion of Germany's storage capacity is currently front-of-the-meter large-scale centralized storage units, a rapidly growing segment is the behind-the-meter market, which includes home storage solutions and smaller systems installed at small businesses up and down the country.

A range of different storage incentives exist throughout Germany's federal states as the government has embraced the idea of enabling homeowners to store their own solar energy and help to not only **aid the country's Energiewende (transition from brown to green energy) but also support grid** frequency regulation.

Owners of Q CELLS' Q.HOME ESS+ HYB G2 modular storage system can help play their part in this transition thanks to the Q.HOME MANAGER software solution, which delivers full monitoring and **oversight of a consumer's energy usage patterns** via a user-friendly interface. This software can be **installed as a smartphone App, thus ensuring 24/7 and instant control over one's energy** consumption, storage and grid feed-in.

Maengyoon Kim, Head of Sales EU and LAA at Hanwha Q CELLS, said: **"Germany is once again leading the way in supporting and devising renewable energy solutions and, with Hanwha Q CELLS' R&D** technology headquarters located in Germany, we are proud to be supporting the country's Energiewende with our complete solar and storage solutions.

"The Q.HOME+ ESS HYB-G2 energy storage system further cements the Q CELLS brand's position as a full solutions provider of quality products not just for Germany's competitive solar and storage market, but the entire globe. We intend to roll out this latest storage system into the rest of Europe's leading markets in 2019, before expanding globally."

The Q.HOME+ ESS HYB-G2 energy storage system will be exhibited at the Forum Neue Energiewelt, which is held between November 22-23 at the Maritim ProArte Hotel in Berlin, Germany. Hanwha Q CELLS is a platinum sponsor of this high-level renewable energy event.

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 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 partnerships to its customers in the utility, commercial, governmental 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://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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