

Press information

High performance in a compact size

New solar module frame from Kyocera: easy installation and long lifespan

Kyoto / Neuss, 27 November 2012 – A robust frame is essential to ensure a longer lifespan for solar modules. At the same time, installation needs to be as easy and convenient as possible, and modules need to be low in weight. The Japanese solar pioneer Kyocera has re-developed the frame profile of its 60-cell modules so that the solar modules can now be securely clamped to the short side of the frame and are suitable for use in insertion-type systems. Furthermore, thanks to the new frame design, the module weight has been reduced by 1 kg, to 20 kg. This makes installation even more flexible.

Kyocera solar modules are screwed and bonded to a weather-resistant aluminium frame. The frame is black anodised with an additional coating and has a high level of corrosion resistance; drainage holes on the inside of the frame ensure safe drainage and prevent the modules from being damaged by frost; while two lateral braces on the back of the modules provide additional stability. The frame meets the high standards of IEC 61215 ed. 2 and can support a total load of 5,400 N/m².

The new frame of the 60-cell Kyocera solar modules retains the conventional 46 mm height, meaning that the same module clamps can be used to fix them in place.

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For more information about Kyocera: www.kyocerasolar.eu

About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 235 subsidiaries (as of April 1, 2012), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide, with more than 3 gigawatts of solar power having been installed around the world to date.

With a global workforce of about 71,000 employees, Kyocera posted net sales of approximately €10.83 billion in fiscal year 2011/2012. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, fineceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Fineceramics GmbH in Neuss and Esslingen and Kyocera Document Solutions in Meerbusch.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at present €500,000 per prize category).

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