

Press information

Kyocera presents its new Y Series solar modules

Kyoto/Neuss, July 15, 2013 –The Japanese technology group Kyocera’s latest additions to its Y Series solar module lineup are not only extremely robust and efficient, but they also permit maximum flexibility in terms of installation design. There is a simple reason for this: Kyocera’s portfolio not only contains conventional 60-cell units, the company also offers smaller modules with 36, 48 and 54 cells. These are ideal for use on irregularly shaped surfaces, such as rooftops with a complicated layout, and thus ensure that almost no space goes to waste.

The new Y Series is comprised of the following solar modules: the KD145GH-4YU, KD195GH-4YU, KD220GH-4YU, KD245GH-4YB2, KD250GH-4YB2; and the KD140SX-1YU and KD145SX-1YU for off-grid use.

Extremely efficient, extremely long-lasting

Output and lifespan are by far the most important factors when looking at solar modules. At the heart of every new Y Series product are Kyocera’s 156 x 156 mm polycrystalline silicon cells embedded in EVA film. With an efficiency rating of over 16 percent, the silicon nitride processing not only lends a uniform colour, but it also keeps reflected light to a minimum.

Like all Kyocera solar modules, the new Y Series products feature a high-quality frame of black, anodized aluminium. The frame’s additional coating gives it outstanding resistance to corrosion, thereby maximizing its lifespan and durability, while at the same time reducing its weight. The frames are assembled using screws

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and adhesives, and can withstand forces of 5,400N/m². The 60- and 80-cell modules come with two support bars on the reverse side for enhanced stability. In addition, interior drainage openings are designed to eliminate the risk of frost damage.

Smaller modules, more installation options

The range of module sizes within Kyocera's Y Series enhances the design flexibility during installation, as smaller modules can often be positioned more efficiently. This means that full use can be made of even the most irregularly shaped roofs, thereby maximizing energy production on a given surface area. The modules can be laid flat or mounted vertically. Thanks to Kyocera's continuous development, it is also possible to attach all of the latest modules (excluding the 80-cell units) along their shorter sides or install them using inlay systems.

TÜV certifies conformity with normal flammability requirements

TÜV Rheinland has tested the new Kyocera solar modules in line with the DIN EN ISO 11925-2 standard. They comply with guidelines regarding normal flammability as per DIN EN 13501-1, class E.

The Y Series solar modules are manufactured at the company's Kadan Plant in the Czech Republic. Kyocera's vertically integrated production process guarantees maximum control, and by extension, maximum quality.

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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 228 subsidiaries (as of April 1, 2013), 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 3,0 gigawatts of solar power having been installed around the world to date.

The company is ranked #492 on *Forbes* magazine's 2013 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 71,000 employees, Kyocera posted net sales of approximately €10.58 billion in fiscal year 2012/2013. 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 €400,000 per prize category).

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