

The real power of the modules will always be above the labeled power

Siliken improves the power tolerance of its photovoltaic modules from +5/-5% to +3/0%

Siliken, in its drive to continuously improve its products and services, has reduced the power tolerance of all its photovoltaic modules from +5/-5% to +3/0%. This new power tolerance range of the modules was made possible through the company's policy of continuous improvement, which has been translated into numerous investments in more comprehensive quality control and in new measurement equipment.

With this tolerance improvement, Siliken guarantees all its customers that, when they acquire photovoltaic modules, they will always pay for the real or more power than what is labeled on the acquired modules. In other words, if a module is labeled with a power of 220 W, that module will have a power of at least 7 additional watts. Siliken's photovoltaic modules, made of monocrystalline or polycrystalline silicon, therefore guarantee higher energy production under the same installation conditions than other modules with a broader power tolerance range.

Likewise, given that they have such a low tolerance range, the mismatch effect is reduced, which can occur in an electrical association when modules of different specifications are connected. In an average installation, when modules with such a reduced tolerance range are used, the module series are more uniform, and therefore the energy production of the entire system is improved. Thus, this new power tolerance involves an increase in power and therefore an increase in the installation's profitability.

Siliken's photovoltaic modules are recognized as having a reputation for quality, sturdiness, reliability and durability. They have efficiencies of up to 15.1%, they have earned UL and TÜV certifications, and they maintain exceptional behavior with low luminosity. They are applicable in both grid-connect systems – such as photovoltaic farms, industrial roofs, architectural integration projects and domestic installations – as well as in isolated installations. This quality has been recognized by customers who have wanted to build their installations using a reliable and long-lasting product, given that the minimum life span of this product is 25 years, and any deterioration or decrease in efficiency directly affects energy production, and therefore the profitability of an investment.

