

PRESS RELEASE

“FIXING SYSTEM FOR PHOTOVOLTAIC MODULES”

BM Spa (www.bm-group.com), leading company in the world of connectivity and electrical installations, presents the new **BM SUN LINE** which places BM among the high-operative companies in the renewable energy industry, commencing October 2009.

BM SUN LINE, studied in collaboration with the Energy Department of Politecnico di Milano, is an innovative fixing system for photovoltaic modules, stackable in an easy and simple way for various typologies of pitched and flat roofs. All components and accessories are made of high-features stainless steel and aluminium.

The static analysis of assembled structure, and the design supported by modern systems of finished elements calculations (FEA) guarantee, in all its terms of use, the best mechanical load resistance, in compliance with all European Norms.

In order to meet installers' requirements, products are supplied preassembled with and unique profile suitable for any installation typology, so that installation times are reduced and warehouse management is optimized.

BM SUN LINE also differs for its streamlined solutions: self-blocking and flanged screw-bolts in stainless steel, but also stirrups aimed for adjustable tile and roof tile, which guarantee air re-circling enabling a higher performance of photovoltaic modules.

Profile SL-P is the base element for the construction of backing brackets for framed photovoltaic modules. It is the universal solution for any fixing systems. The geometry has been studied to guarantee, through few simple operations, the insertion of preassembled SL-M clamps and modules fixing.

Preassembled clamps SL-M (middle and final) enable to fix modules on profiles with an easy and accurate positioning thanks to the preloading spring and supporting washer. Additional fixing elements being unnecessary, installation times are, therefore, widely reduced.

Adjustable hooks help fixing profile on pitched roof. They can be fixed on all bearing surfaces (wooden beam, concrete) and they offer a double adjustment up and down the roof with relative bolts.

Instead, for fixing profile on flat surfaces or bases, preassembled triangular bracket SL-ST and frame bracing SL-CV are employed. Bracket has a standard slope that can be selected during mounting phase of 30° or 35°, with the possibility to adapt the bracket to a 25° slope thanks to the working references already reported on piece.

As for pitched roofs, only one 13 mm ended wrench is needed for fixing and adjustment.

In case of other types of surfaces, various fixing elements for profile are available, such as clamp for crimped plates, double thread screw, lateral stirrup,...

Finally, **BM SUN LINE** offers a set of accessories such as profiles connection, terminal cap, positioning support, covering roof, which help make complete the installation in a workmanlike fashion.

In addition, BM GROUP offers many assistance services to customers.

BM engineers and technicians can give support to retailers, or directly to the company itself, from initial planning phases, suggesting various technical solutions. Therefore, customer can easily be informed, obtain assistance for products' selection, project data and components dimension verification.

Moreover, Customer Service provides required support for estimate and purchase of urgent orders, as well as for orders follow-through status. Direct delivery on construction site is possible for a better time management and logistic.

"SL-PRO", an easy, intuitive and free on line software, helps obtaining, in few steps, a complete list of materials, beginning from information such as photovoltaic modules model, installation type (pitched roofs or flat roof) and system configuration.

Besides the presentation on trade journal, we will organized some road show to present the system directly to Customers, with the involvement of BM sales staff and technical promoters.

All information are available on website www.bm-group.com.

BM Group

BM spa (www.bm-group.com) has, for over 50 years, been a leader in the manufacturing of connectivity devices and solutions in electrical installations. For the past four years, it has added three new lines of complementary products to its core business **Connecting Cables** (cable terminals, terminal blocks, equipment and cabling accessories); these are **Tool Line** (professional tools for electricians), **Fix Line** (advanced fixing systems for electrical installations) and **Cargo** (modular units for mounting in vans).

The BM Group product are available in 1100 points of sale in Italy, but the sales network also includes four sales branches and 72 distributors worldwide. Its technical competence and quality, certified by the world's most important electrical engineering organisations, assures BM Group's prime position in its industry.