

# RESISTANCE

# SOLUTIONS FOR STRONG WIND LOADS



# EXCLUSIVE SOLUTIONS FOR PHOTOVOLTAIC SYSTEMS SUBJECT TO STRONG WIND LOADS

All Sun Ballast models are designed to increase wind load resistance.

The use of guards, rebars, plates, junction profiles, and additional weights, together with the positioning system with east-west orientation allows us to achieve this goal.

As a matter of fact, Sun Ballast is the only system that can modulate the weight based on the requirements and structural constraints of the roof.

Our technical office is at your disposal for free consultation during the quotation and installation stages.

## Sun Ballast with windbreaker

The windbreaker reduces the impact surface and improves aerodynamics, thus increasing wind load stability, without adding any weight to the structure.



## East/West Sun Ballast

Our ballasts allow for east/west installation. Moreover, they ensure increased wind load stability, as they can be joined with specific plates, thus reducing space and shadow issues. This solution can improve self-consumption performance and optimise purchase costs.

## Sun Ballast with profiles and weights

The system with additional profiles and weights from 35 to 50 kg is commonly used in perimeter areas, which are the most stressed by the wind. The weighted distribution of loads improves the resistance, without overloading the roof.

