

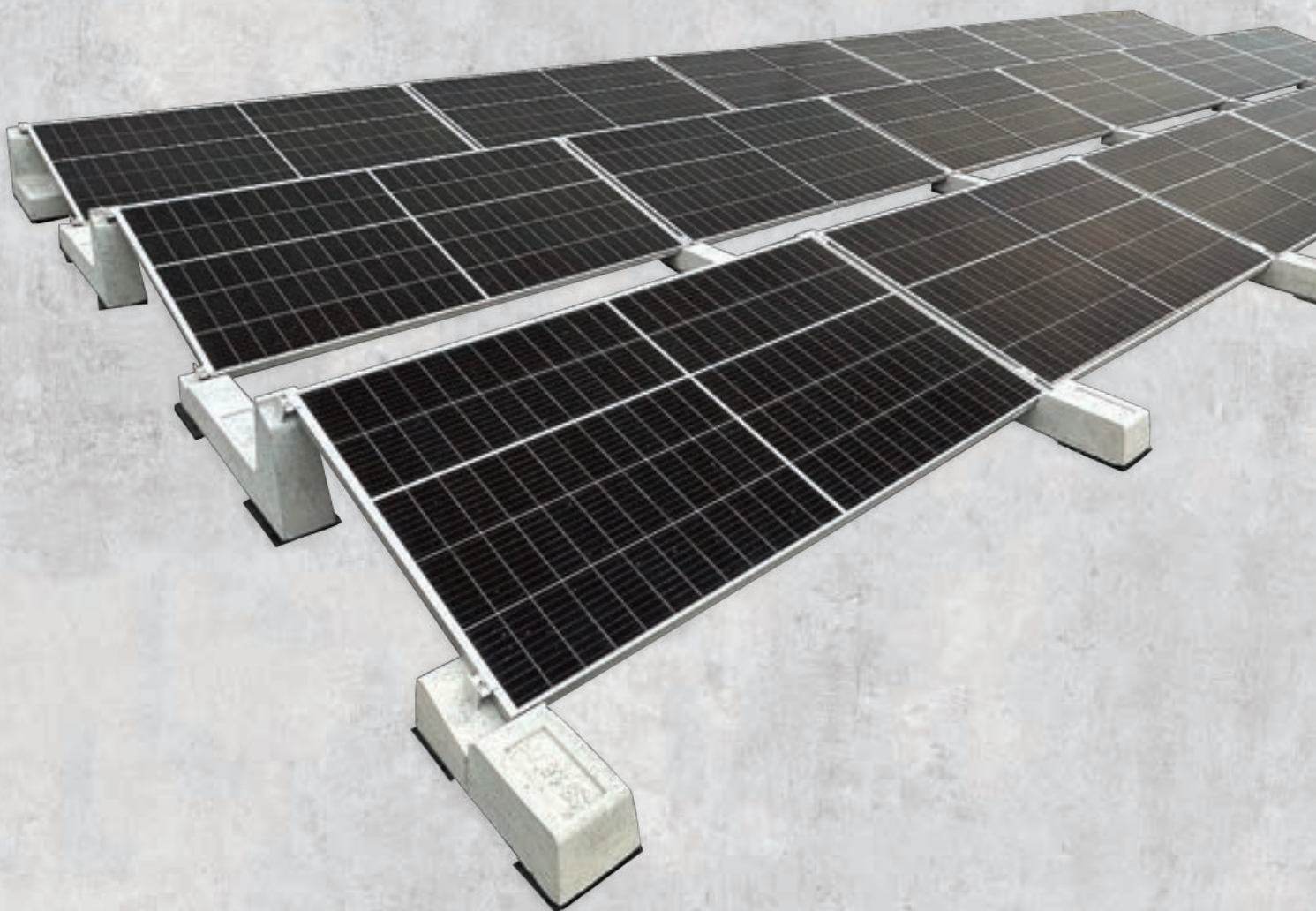


Made to last

Patented systems

THE IDEAL MOUNTING SYSTEM

FOR PHOTOVOLTAIC PANELS
ON FLAT ROOFS



MADE T



TO LAST





SUN BALLAST® IS SOLID-STATE SIMPLICITY



SINCE 2012 WE'VE BEEN LOOKING AT
THE WORLD WITH A DESIRE
TO IMPROVE IT, BY PROVIDING
STRAIGHTFORWARD, LONGLASTING
SOLUTIONS TO ANYONE WHO'S MADE
THE ENERGY OF THE FUTURE THEIR BUSINESS.

Sun Ballast® was established by its CEO, **Maurizio Iannuzzi**, who has extensive experience in the installation of photovoltaic plants, and has been developing mounting systems for flat roofs for more than ten years to make installation operations easier and quicker.

This is our way of contributing to change, and giving safe, solid,
tangible support to the energy of the future.

Support that is made to last.

As a Benefit Corporation involved in dozens of social projects, Sun Ballast® sets the global standard in the field of solar mounting structures for flat roofs, and the company's innovative concrete ballasts support thousands of photovoltaic systems throughout the world

THE IDEAL STRUCTURE FOR FLAT ROOFS

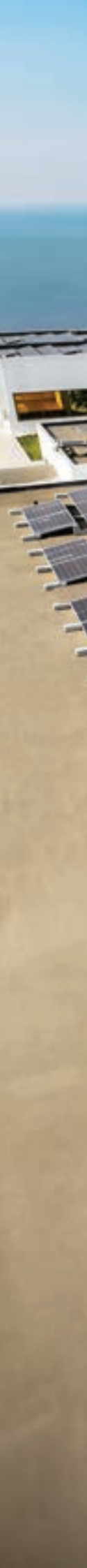


OUR CONCRETE BALLASTS HAVE
REVOLUTIONISED THE INDUSTRY OF SOLAR
MOUNTING STRUCTURES, AND SET THE
STANDARD FOR ALL PV SYSTEMS INSTALLED
ON FLAT ROOFS.

Safe, solid and versatile Sun Ballast®
systems combine support and ballast functions into one unique feature.
This simplicity underpins the global success of solutions from Sun Ballast®.

Our ballasts are made with premium materials and do not necessitate drilling on roofs -
simply position them, secure the panel to the embedded fasteners and installation is complete.

Thanks to a passion for researching and developing innovative, tangible solutions,
Sun Ballast® systems are available in a wide range of tilt options,
making the installation of PV systems on flat roofs extremely quick, easy and safe.





FAST
TO
FIELD
MADE



LONGLASTING SOLUTIONS



ALL BALLASTS PRODUCED BY SUN BALLAST®
ARE MADE OF HIGH-STRENGTH CONCRETE,
AND CONTAIN FASTENERS
AND A SPECIAL METAL CORE.
BECAUSE STRENGTH ISN'T OPTIONAL

Premium quality
raw materials and processes. Ballasts produced by Sun Ballast®
are made of C32/40 concrete and are resistant to any type of cracking or corrosion.

The metal core within the structure
provides extra resistance to mechanical strain,
and the embedded MG fasteners enable panels to be secured even faster.

All ballasts produced by Sun Ballast® are tested in a wind tunnel and climatic chamber,
and ensure a perfect balance between sturdiness, roof load and wind resistance.
Guaranteed for 25 years, but far longer-lasting.



RESISTING

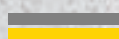


THE WIND

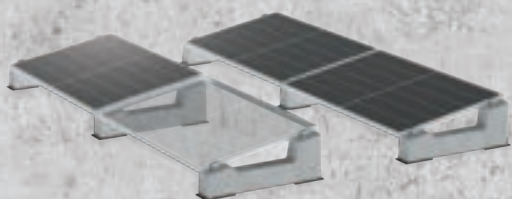
RANGE OF SUN BALLAST® SYSTEMS

1
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Single-file

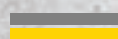


Simple, quick and versatile: the Single-file system is available in a wide range of tilt options, and panels can be fitted vertically or horizontally, and the distance between rows adjusted as required.

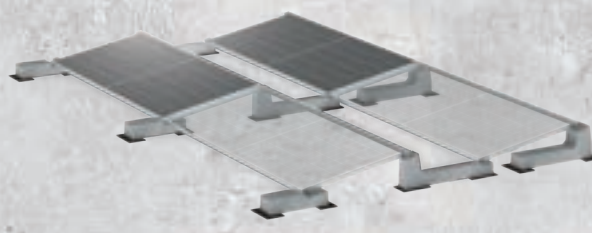


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Connect

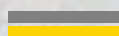


Low load, high resistance: the Connect system joins all ballasts into one grid, offering maximum wind resistance and reducing roof load and transport costs.

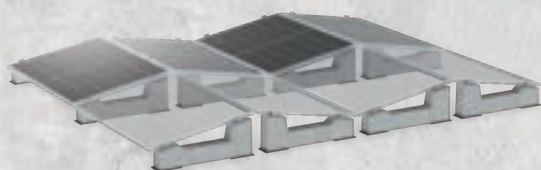


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East-West

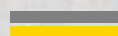


Simple, stable and modular: the East-West system can be made with a wide range of ballasts, enabling space optimisation while ensuring stability and wind resistance.

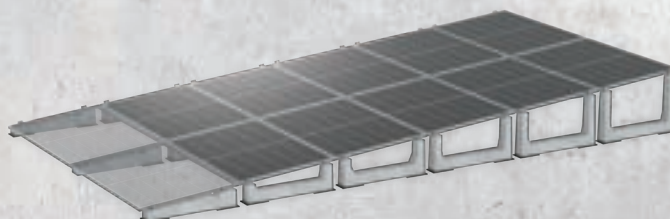


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Sail



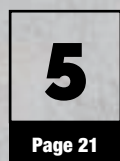
Lots of energy in limited space: the Sail system enables up to six consecutive rows of ballasts to be installed, fully optimising all of the space available.



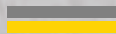
MADE TO LAST

BY YOUR SIDE ON FLAT ROOFS SINCE **2012**

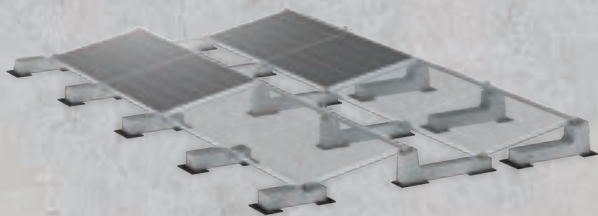
LARGE MODULES



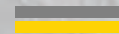
No-Flex



Maximum strength, zero bending: compatible with all Sun Ballast®, the No-Flex solution has large panels with two additional points of support, ensuring maximum stability and resistance.



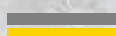
Industrial-XL



Safe, solid and cost-effective: the Industrial-XL system is designed for large panels used in large PV plants, and offers the perfect balance between safety, cost and roof load.



Accessories



Simplicity and safety, even for accessories: clamps, membrane sheets and additional weights can be installed quickly and easily, and have been designed to ensure the maximum stability of PV systems.





1

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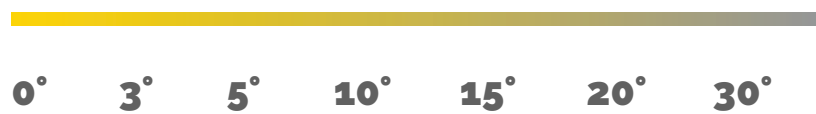
SINGLE-FILE

SIMPLE AND
VERSATILE,
FROM 0° TO
30°

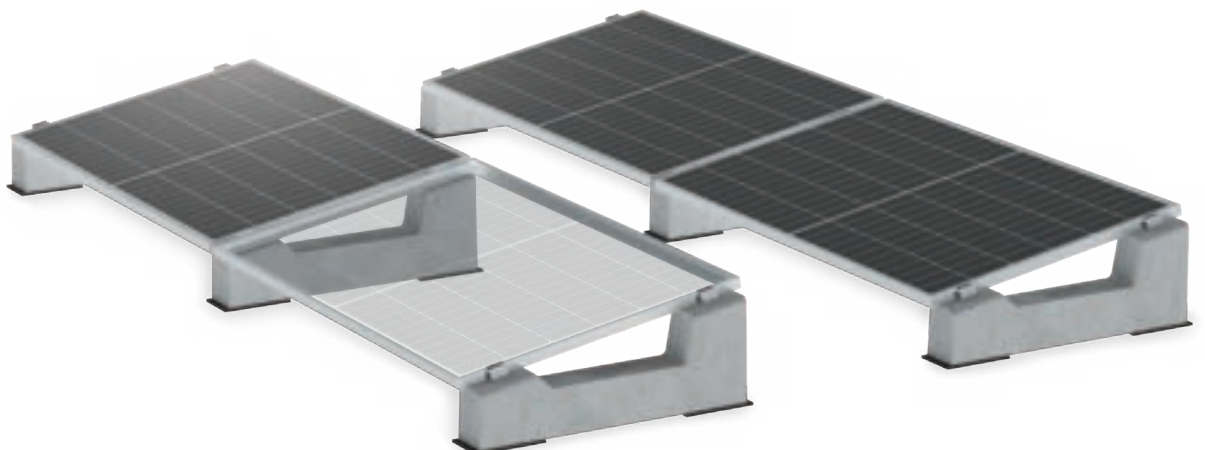
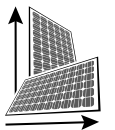


The Single-file system is a straightforward, extremely versatile solution - available in tilt options ranging from 0° to 30°, the ballasts enable panels to be secured horizontally or vertically, freely adjusting the distance between rows and ensuring that installation is quick and easy, even when there are obstacles.

TILT OPTIONS



VERTICAL
HORIZONTAL



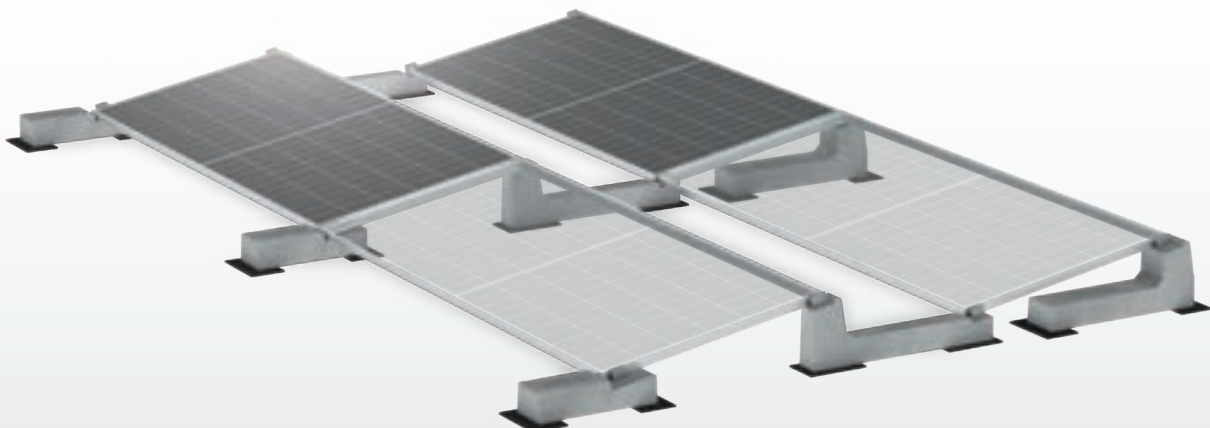
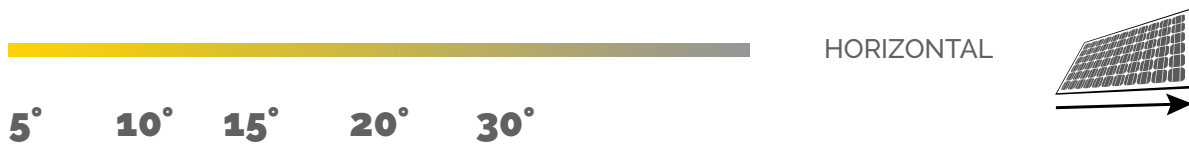
CONNECT

LOW LOAD,
HIGH
STRENGTH



The perfect balance between resistance and lightness - the Connect system joins all ballasts into one grid, reducing roof load and transport costs, while distributing weight in a perfectly balanced fashion. The system is available with a wide range of tilt options and can be installed quickly and easily on any flat roof.

TILT OPTIONS

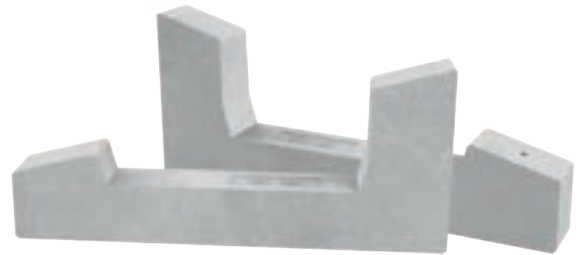






EAST-WEST

SIMPLE,
STABLE AND
MODULAR



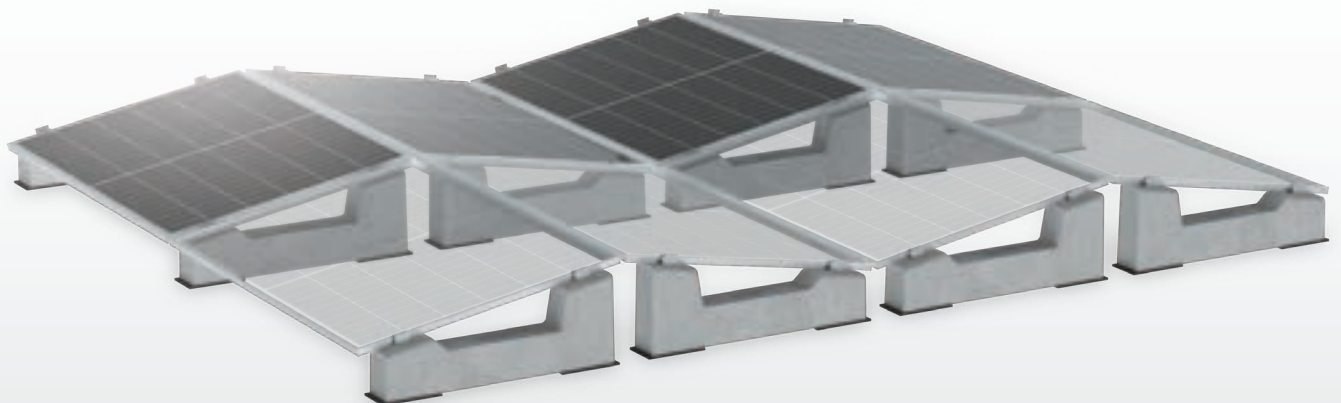
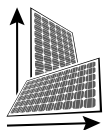
Optimised space, stability guaranteed - the East-West system enables panels to be secured vertically and horizontally, and can be made up of a wide range of ballasts tilting from 3° to 30°. The system can be installed quickly and easily, and makes the most of all surfaces, quickly circumventing obstacles and ensuring maximum resistance to wind and snow.

TILT OPTIONS



3° **5°** **10°** **15°** **20°** **30°**

VERTICAL
HORIZONTAL



SAIL

LOTS OF ENERGY IN LIMITED SPACE

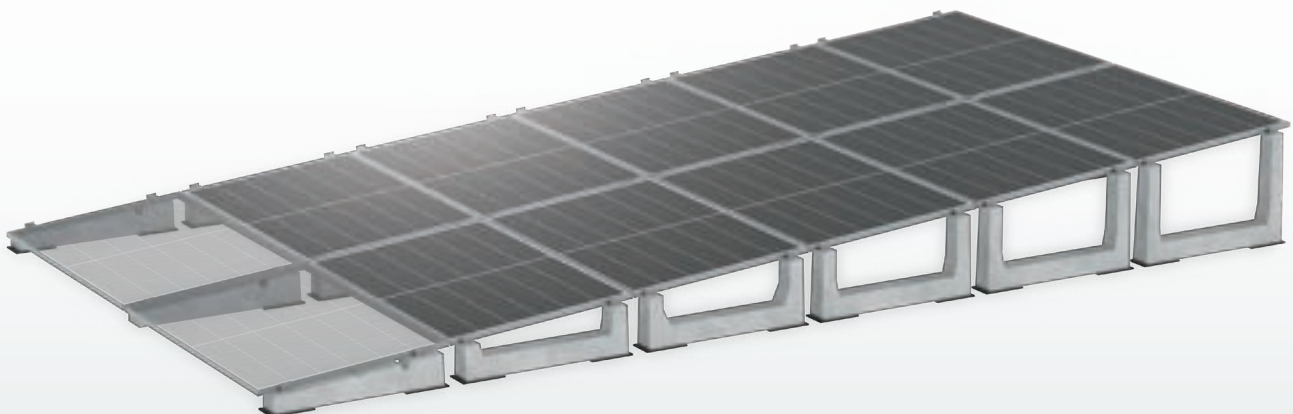
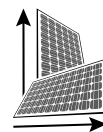


Available in 5° and 10° versions, the Sail system enables up to six consecutive rows of photovoltaic panels to be installed, regulating the distance between modules and fully optimising all of the space available. The ballasts can also be used in single rows, and obstacles can be managed quickly and easily.

TILT OPTIONS

5° 10°

VERTICAL
HORIZONTAL

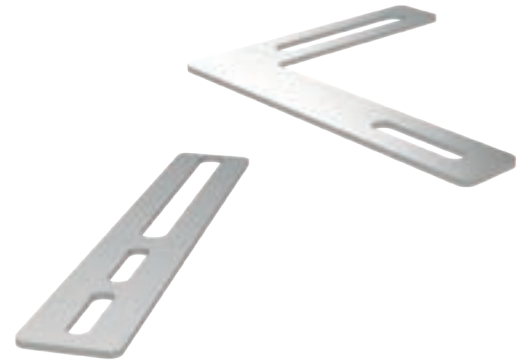






NO-FLEX

MAXIMUM STRENGTH, ZERO BENDING

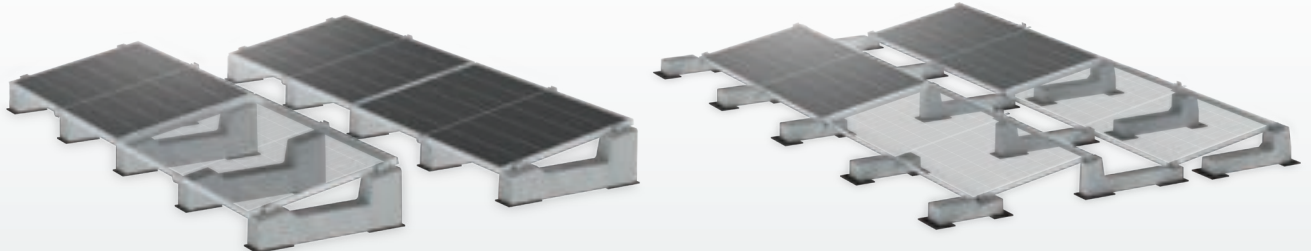
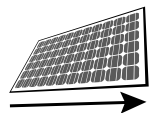


The No-Flex system ensures that large panels have the highest level of stability and load resistance. The special steel bracket inserted on the additional ballast allows modules to also be secured to the central section, increasing the fastening points from 4 to 6, complying with all support specifications defined by producers and reducing the risk of bending to zero. Compatible with all horizontal systems.

TILT OPTIONS

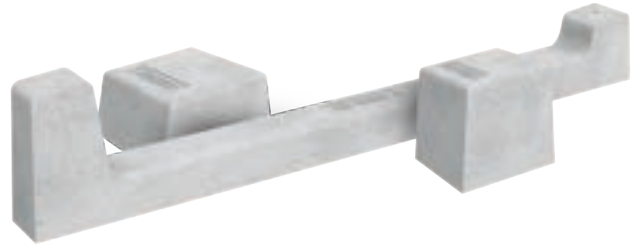
3° 5° 10° 15° 20° 30°

HORIZONTAL



INDUSTRIAL-XL

SAFE,
SOLID AND
COST-EFFECTIVE

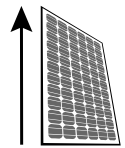


The Industrial-XL system is designed for large panels used in large PV plants, and offers maximum safety and reliability. A grid configuration with 5° vertical fastening ensures maximum wind resistance and compliance with all support specifications, while reducing costs per kW and roof load.

TILT OPTIONS

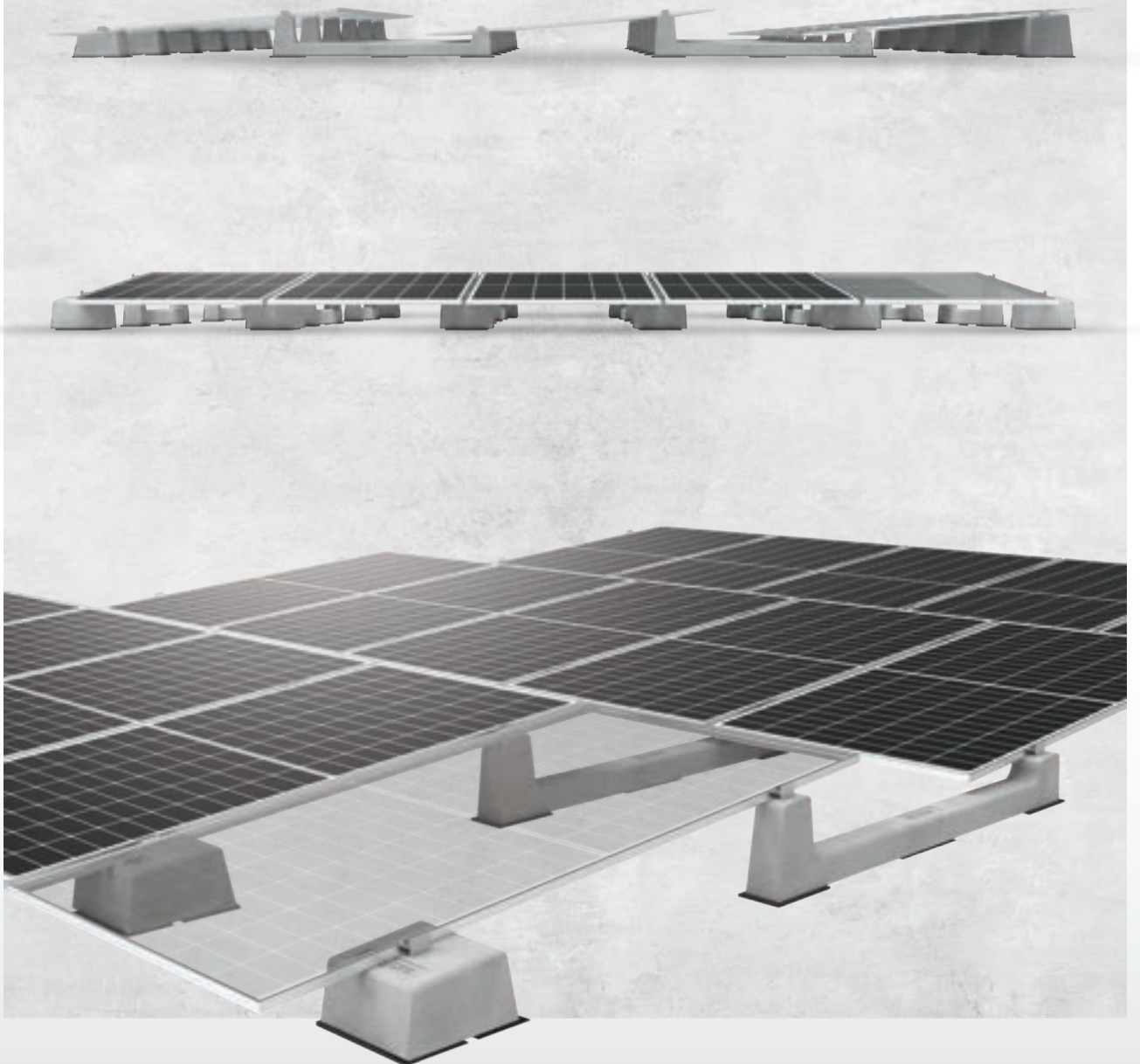
5°

VERTICAL



INNOVATION

INDUSTRIXL[®]





ACCESSORIES

CABLOWIND®

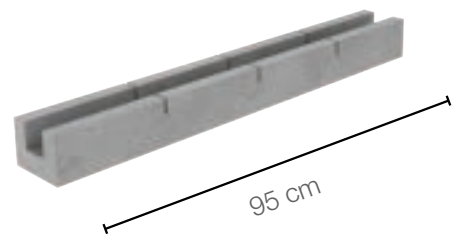


Balanced loads, tidy cables: Cablowind serves a twofold function by adding weight and channelling, increasing wind resistance and enabling tidy and professional cable installation.



CABLOWIND 95cm

For vertical module installation



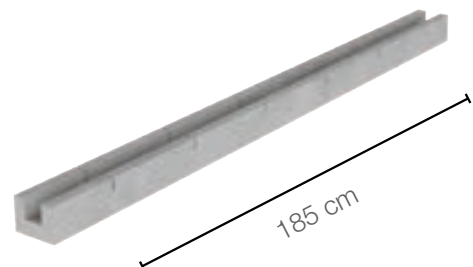
CABLOWIND 160cm

For horizontal module installation



CABLOWIND 185cm

For large horizontal module installation



ACCESSORIES

U-BLOCK

30Kg



An additional U-Block weight can easily and quickly be placed directly onto ballasts without the need for drilling, increasing the stability of the PV plant rapidly.



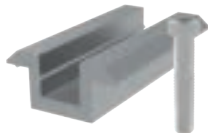
CLAMPS AND MEMBRANE SHEETS



Stable panels, surfaces intact - aluminium clamps enable panels to be secured quickly and safely, and roof membrane sheets placed under ballasts optimise their effectiveness by further protecting all support surfaces.

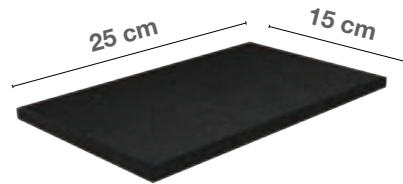
CLAMP KIT

Universal centre



MEMBRANES

Polyolefin foam protection



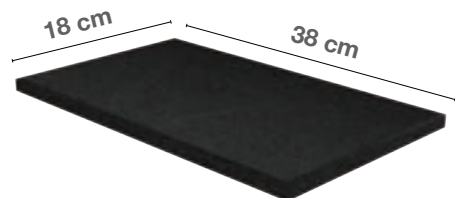
CLAMP KIT

Universal end



MEMBRANES

Rubber protection





INSTALLATION SURFACES

All Sun Ballast® solutions enable photovoltaic plants to be implemented on any type of flat surface, from small tiled roofing on homes and blocks of flats through to large roofs with membranes on industrial buildings.

The absence of fastening slots, along with a wide range of height and tilt options, makes the ballasts extremely versatile, and enables fast, simple and safe installation on all types of roofing.



MEMBRANES

Membranes give many buildings a high level of protection and, thanks to the absence of slots, the ballasts made by Sun Ballast® safely retain all of their insulation characteristics.



FLOORING

As well as there being no need for slots, the ballasts are placed on protective rubber membrane sheets, ensuring a precise installation with no scratches, even on the most delicate surfaces.



GRAVEL



The ballasts can be placed directly onto gravel and the underlying roofing, ensuring a fast, simple and safe installation.



GREEN ROOFS



Sun Ballast® has ideal solutions for any type of vegetation - the ballasts are not liable to corrosion, and thanks to the adjustable height from the ground, they can offer excellent protection against direct light and bad weather.



GROUND



Once some basic preparations have been made for ground installation, the ballasts reduce installation times and ensure a high level of stability and wind resistance.



SOLID AS M



MOUNTAINS

360° SUPPORT FROM DESIGN THROUGH TO INSTALLATION



THE SUN BALLAST® TECHNICAL SERVICE
ENSURES THAT ALL CUSTOMERS
HAVE FAST, FREE ASSISTANCE IN ALL
PV PLANT IMPLEMENTATION PHASES.
GUARANTEED SAFETY, EXPERTISE AND QUALITY.

Fast, free and professional -
the Sun Ballast® service provides comprehensive support
from the initial design phase until the last clamp is secured.

Customers benefit from ongoing support which provides calculations
and practical tips for using the configurator and all technical documentation useful for implementing
solid, safe and reliable photovoltaic plants.

With over 15 professionals,
the Sun Ballast® technical department produces thousands of technical reports every day,
fully supporting installers, designers, EPCs and distributors all over the world.



MADE TO LAST



SUN BALLAST
Made to last
Patented systems

INTERNATIONAL DISTRIBUTION NETWORK



QUICK INSTALLATION, QUICK DELIVERY -
THE SUN BALLAST® DISTRIBUTION NETWORK
HAS DOZENS OF INTERNATIONAL PARTNERS,
AND BALLASTS ARE AVAILABLE IN OVER
40 COUNTRIES THROUGHOUT THE WORLD.

Quality and simplicity, plus ongoing availability and quick delivery
- providing customers with professional support also means guaranteeing a commercial service
and logistics that are quick, efficient and punctual.

To achieve this Sun Ballast® ensures that all partners have a team of operators
dedicated to providing ongoing support throughout the purchasing phase,
from when a quote is requested through to delivery of the materials.

The Sun Ballast® distribution network has dozens of international partners
to ensure a fast, reliable delivery service in over
40 countries throughout the world

CONTACT US

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UNI EN ISO 9001: 2015
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CRIDIS
Prime Company







Made to last
Patented systems

BASIC SBRL

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