

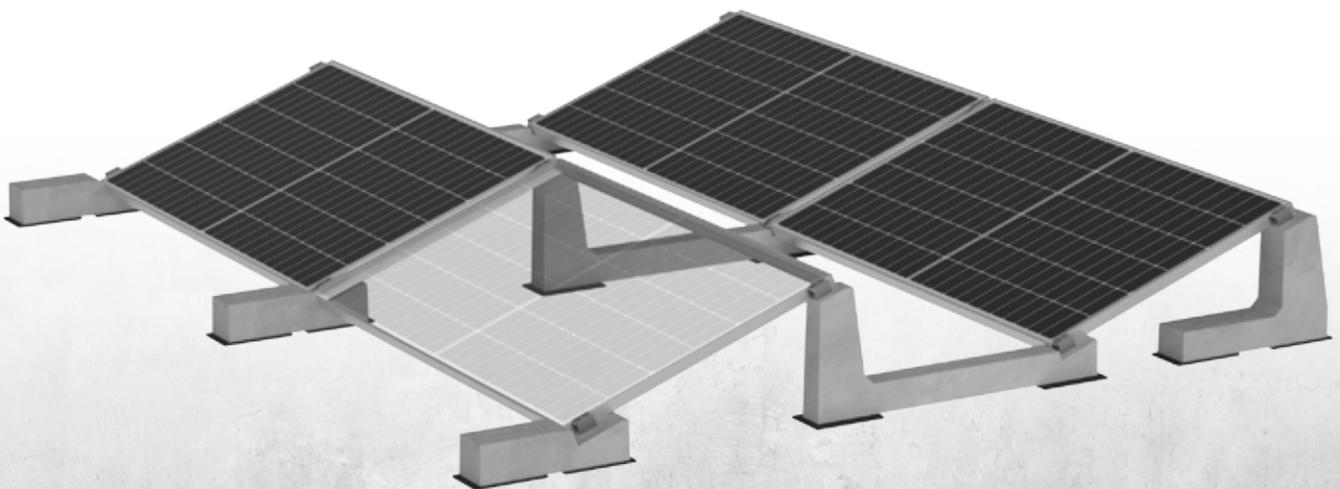


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SINCE 2012  
IDEAL SOLAR  
MOUNTING SYSTEM  
FOR FLAT ROOFS

# Technical Sheet Connect 20°

ART.23020.CF/CR/CRT



# CONNECT 20°

ART. 23020.CF/CR/CRT



The perfect balance between strength and lightness: the Connect system links modules and ballasts into a single reticular structure, reducing roof loads and transportation costs, while ensuring perfectly balanced weight distribution.

**Tilt angle** 20°

**Module positioning** Horizontal - Short side

**Compatible accessories** Sheathing (KGNF2325), Universal clamps (K23900/U.50, K23920/U.50), PowerClamp (K23900/PWC.50, 23920/PWC), Junction plate (K23804), U-Block (23015.CRP - 23030.CRP), No-Flex (K23712)

## BALLAST ART. 23020.CF

<b>Ballast weight</b>	22 kg	<b>Pallet dimensions</b>	1050x1010x412h mm
<b>Quantity per pallet</b>	28 pieces	<b>Pallet weight</b>	630 kg

## BALLAST ART. 23020.CR

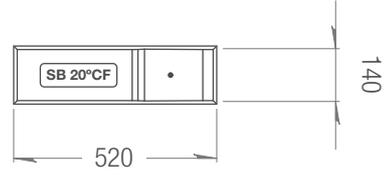
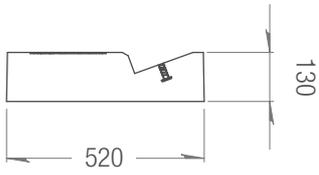
<b>Ballast weight</b>	33 kg	<b>Pallet dimensions</b>	880x1090x729h mm
<b>Quantity per pallet</b>	18 pieces	<b>Pallet weight</b>	607 kg

## BALLAST ART. 23020.CRT

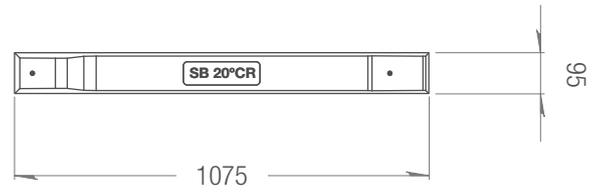
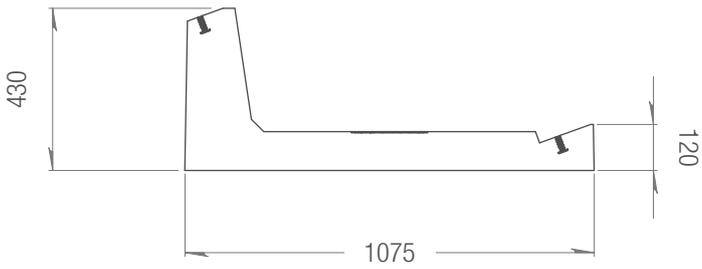
<b>Ballast weight</b>	35 kg	<b>Pallet dimensions</b>	1080x610x736h mm
<b>Quantity per pallet</b>	16 pieces	<b>Pallet weight</b>	575 kg

**BALLAST 23020.CF DIMENSIONS**

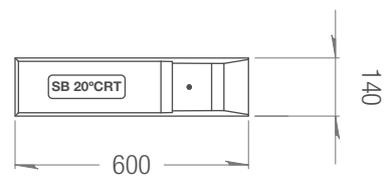
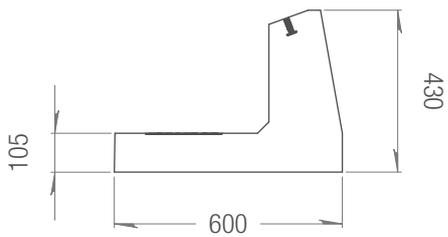
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**BALLAST 23020.CR DIMENSIONS**

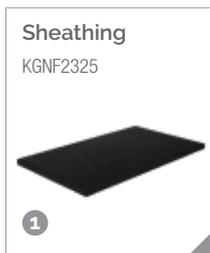
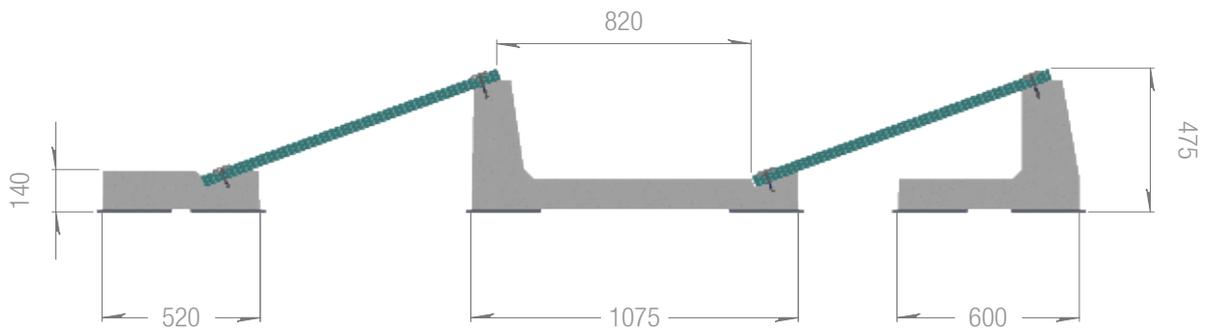
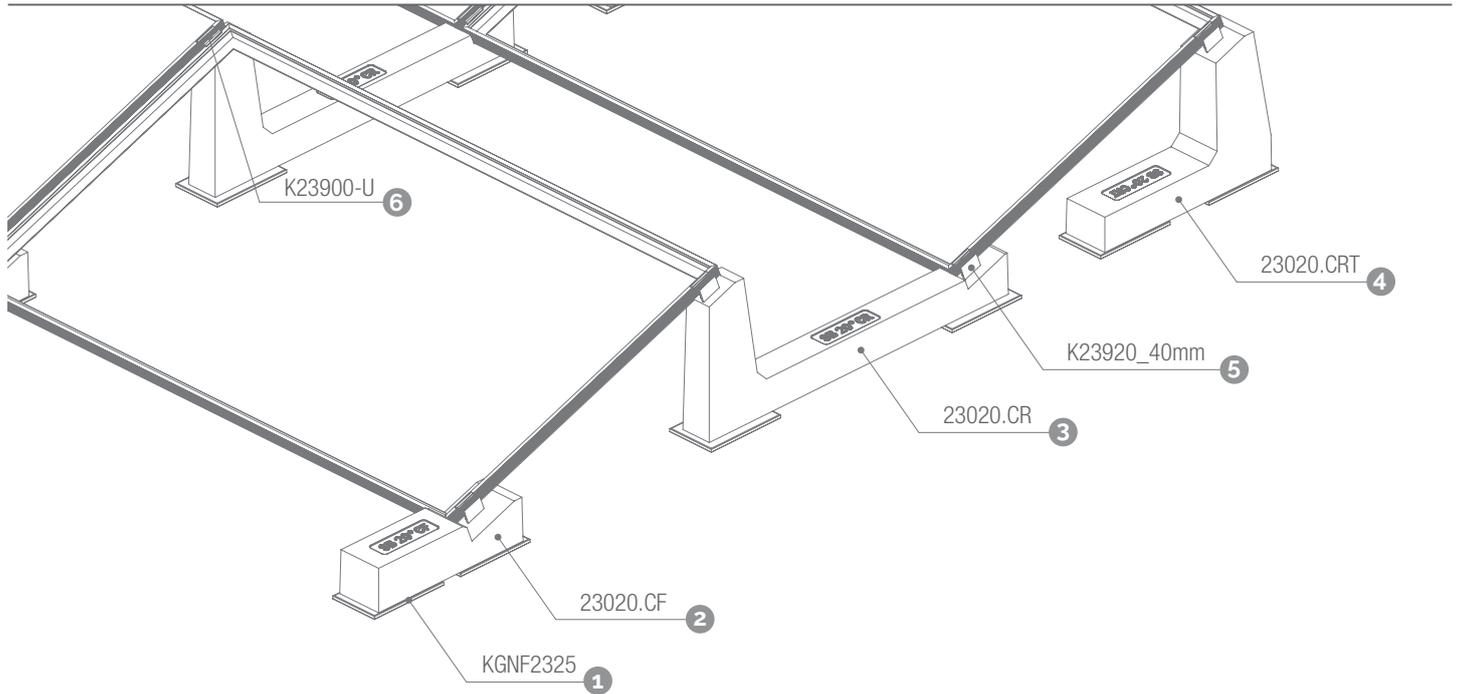
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**BALLAST 23020.CRT DIMENSIONS**

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## HORIZONTAL MODULE INSTALLATION - Short Side



### INFO

The images shown are for illustrative purposes only and may differ slightly.

The dimensions indicated in this section are approximate; therefore, it is important to refer to the project developed by Sun Ballast®.

All dimensions shown in the figure are expressed in millimeters.

## TECHNICAL CHARACTERISTICS

### Description:

Precast unreinforced concrete ballast.  
(Inside, there is an iron rod to increase mechanical flexibility)

- Exposure class: XC4;
- Strength class: C32/40;
- Minimum cement content: 340 kg/m<sup>3</sup>;
- Fire resistance class: Class 0 (Italian class) A1 (European class with ref. UNI EN 13501-1:2019);
- Maximum H<sub>2</sub>O penetration depth under pressure 500 kPa: 15 mm;
- Maximum H<sub>2</sub>O penetration depth under pressure 500 kPa: 15 mm;
- Weight tolerance: ±5%;
- Measurement: ±5 mm;
- Determination of pullout force of M8 threaded insert embedded in CLS element by direct pulling of M8 threaded bar screwed into it.

Results of the tensile test at 15 KN (1530 kg):

No slipping of the threaded insert;

Fracture of the threaded bar.

BASIC S.R.L Benefit Corporation, in the person of its legal representative, declares that production complies with UNI EN 206 and UNI 11104 standards, instructions, and procedures of the quality management system by UNI EN ISO 9001:2015 with TUV certification.

Any modification made to the product referred to in this declaration without the manufacturer's authorization voids this declaration of technical requirements. The technical characteristics of the product are listed below.





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## CONTACTS

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### INFORMATION AND FIRST CONTACT

[info@sunballast.com](mailto:info@sunballast.com)

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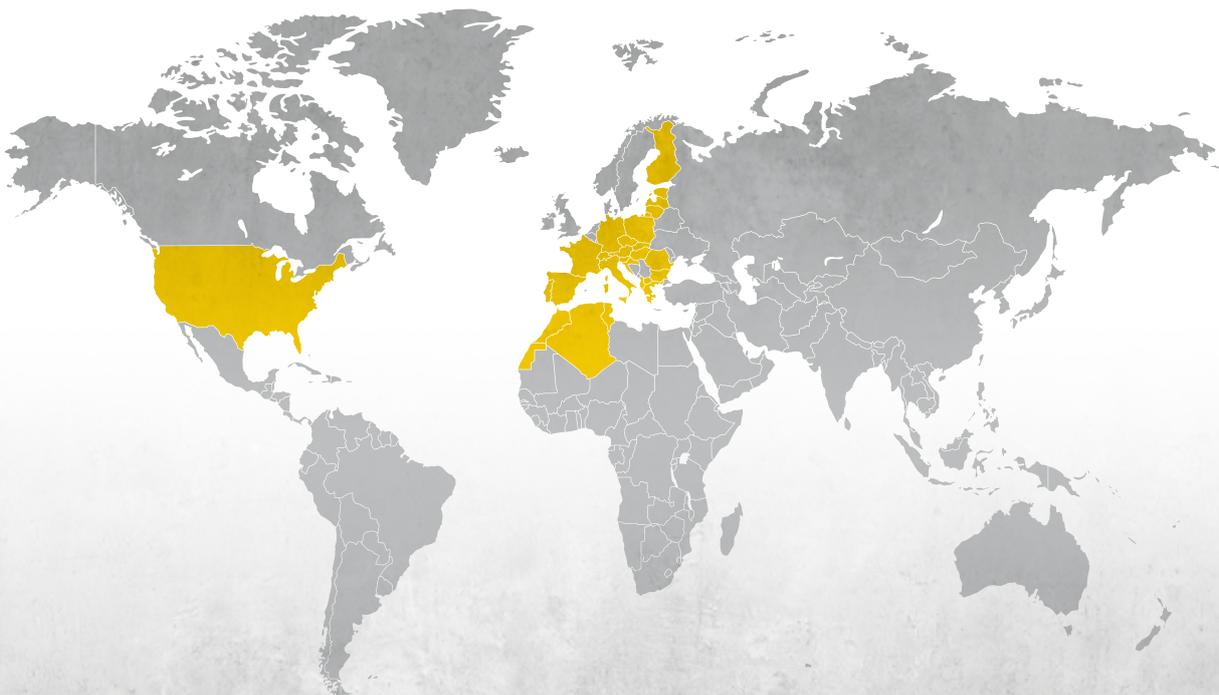
### COMMERCIAL CONSULTING

[commerciale@sunballast.com](mailto:commerciale@sunballast.com)

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### TECHNICAL SUPPORT

[tecnico@sunballast.com](mailto:tecnico@sunballast.com)



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