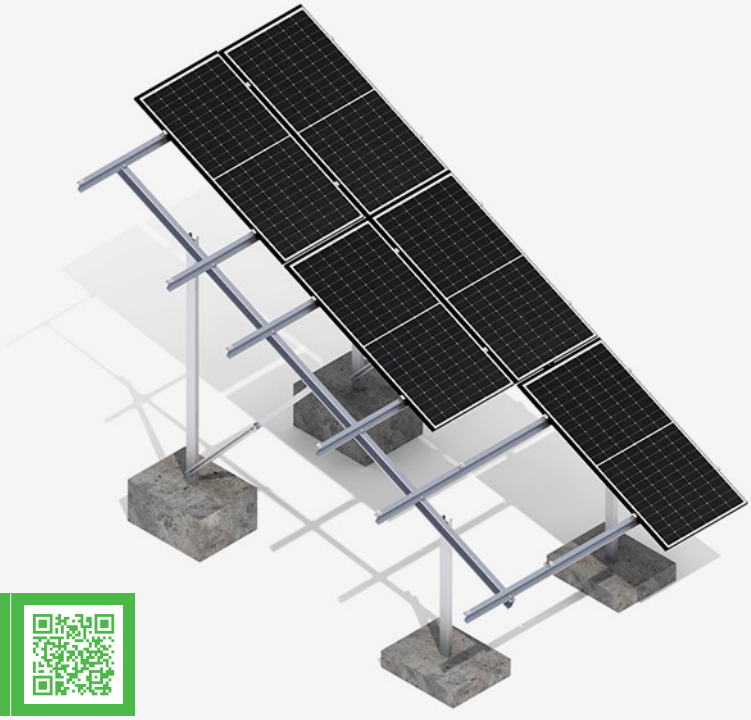
15 Ballast structure

G-B-I-S/V/2/3×3

TYPE	MODULE DIRECTION	MODULE LAYOUT	SUPPORTS NO.	NUMBER OF PV MODULES
Individual (I)	South (S)	Vertical (V)	Two	3×3 (+3)



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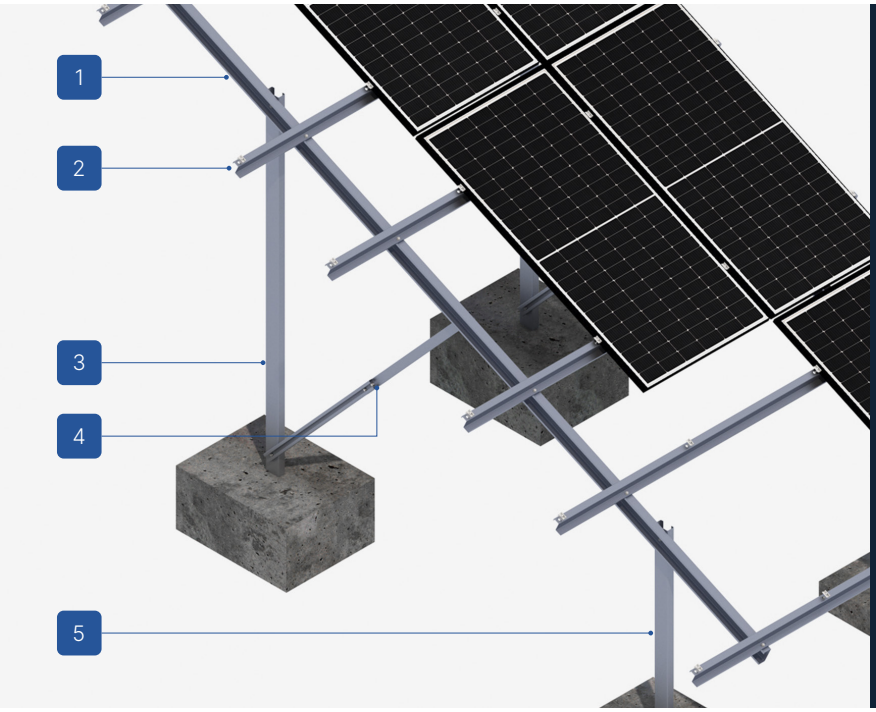
DESCRIPTION

- A multipart ground structure made of Magnelis™ steel designed for soils and areas where additional ballasting is required.
- Excellent for constructing installations above 50 kW that require building permits, and whose components need optimization due to the specific location of the structure.
- The mounting system is constructed from individually selected structural elements, including beams, latches, and legs, allowing for the use of the structure only for predetermined modules and their sizes.
- The screw system used for mounting beams, latches, and legs does not require servicing as long as the installation is carried out according to the instructions.
- Before production, it is necessary to provide a site development plan along with module installation instructions.
- The system is designed for ground installations where the primary criterion for choosing the structure is the need for additional ballasting.
- There is the possibility of applying a hybrid system, allowing for the weighting of the leg/legs in places where it is not possible to drill it/them to a specified depth.

We recommend that each structure intended for production be previously calculated by our Technical Department regarding its installation in a specified wind and snow zone.

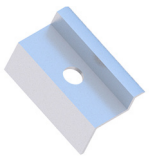
The structure is designed for individually specified wind and snow zones, with individually selected ballast. To initiate production, a prepayment is required, the amount of which is specified in the offer.



1. Latch
2. Purlin
3. Back leg/support
4. Strut
5. Front leg/support

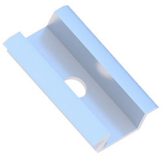
CHARACTERISTICS	G-B-I-S/V/2/3×3
Type of substrate	Ground (G)
Construction installation method	Ballast structure (B)
Type of construction	Individual (I)
Module orientation	South (S)
Module layout	Vertical (V)
Number of columns	2
Number of PV modules	3×3 (+3)
Type of modules	Standard/Bifacial
Shape of the column	C-profile / CW-profile
Does the construction require additional ballast?	Yes
Is it possible to use a hybrid solution (piling + ballast)?	Yes - possibility of additinal ballasting
Minimum number of modules on the structure	9
Height of standard clamps (mm)	35
Thickness of standard clamps (mm)	5
Maximum PV module size (mm)	-
Distribution method	Individual order

LIST OF PARTS - BASE OF CONSTRUCTION



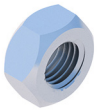
End clamp
35
Nature/Black

KLK50/35ALN
KLK50/35ALCZ



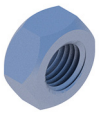
Middle clamp
50 universal
Nature/Black

KLSR50ALN
KLSR50ALCZ



Flange nut
serrated
M8 DIN6923 A2

NSHM8A2



Hexagonal nut
M10 IE

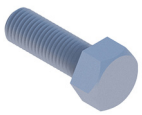
NM10Z

Washer M10 300HV
ISO7093-1 IE

PSZM10Z

Allen screw
M8X100 DIN912 A2

SIM8X100A2



Hexagonal screw
M10X20 IE

SM10X20Z

LIST OF PARTS - OTHER INSTALLATION ELEMENTS

Strut