



02 Double space carport

CP2-US-S/V/4/3x6

TYPE	MODULE DIRECTION	MODULE LAYOUT	SUPPORTS NO.	NO. / WIDTH (MAX) OF PV MODULES
Universal (US)	South (S)	Vertical (V)	Four	3x6 / 1200



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DESCRIPTION

- Universal mounting system built with adjustable and densely perforated beams, allowing for the use of structures for modules of different power and size.
- A four-support system in the shape of the letter V.
- A multipart construction made of Magnelis™ steel, designed for various types of car ramps and parking lots - with the need for additional ballasting.
- The applied screw system for mounting beams, latches, and posts does not require servicing, provided that the installation is carried out in accordance with the instructions.
- Excellent for building small home installations up to 10 kW.
- In the case of multi-space carports, a modular system has been applied, allowing for the assembly and connection of an unlimited number of segments.
- The system is designed for installations where the primary criterion for choosing the structure is the inability to place it on the roof of a building or industrial facility, or to build photovoltaic shelters serving as car charging stations.
- The possibility of using a hybrid system in which there is an option to attach the post/posts to prefabricated ballast blocks placed directly on the ground in areas where it is not possible to anchor the blocks in the ground to a specified depth.

© Upon the customer's request, every structure intended for production can be analyzed by our Technical Department regarding its installation in a specified wind and snow zone, as well as based on previously examined geotechnical conditions.

© The structure is designed for wind and snow zones specified as W1S2. To initiate production, a prepayment is required, the amount of which is specified in the offer.



- 1. Leg/support 1
- 2. Leg/support 2
- 3. Base of the construction
- 4. Leg/support 3
- 5. Latch
- 6. Purlin
- 7. Leg/support 4

CHARACTERISTICS

CP2-US-S/V/4/3x6

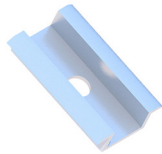
Type of substrate	Ground
Type of construction and installation method	Carport (CP), mounted to a prefabricated foundation using chemical anchors
Type of construction	Universal (US)
Module orientation	South (S)
Module layout	Vertical (V)
Number of PV modules:	3x6
Type of modules	Standard/Bifacial
Shape of the column	V-shaped
Does the construction require additional ballast?	No
Is it possible to use a hybrid solution (piling + ballast)?	No
Minimum number of modules on the construction	18 in case the width of the modules does not exceed 1200 mm
Height of standard clamps (mm)	35
Thickness of standard clamps (mm)	5
Maximum length of the PV module (mm)	-
Standard inclination	15°
Distribution method	Individual order



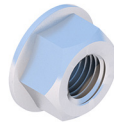
LIST OF PARTS - BASE OF CONSTRUCTION



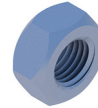
End clamp
35
Nature/Black
KLK50/35ALN
KLK50/35ALCZ



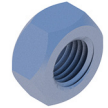
Middle clamp
50 universal
Nature/Black
KLSR50ALN
KLSR50ALCZ



Flange nut
serrated
M8 DIN6923 A2
NKM8A2



Hexagonal nut
M12 IE
NM12Z



Hexagonal nut
M16 IE
NM16Z



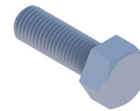
Washer M12 300HV
ISO7093-1 IE
PSZM12Z



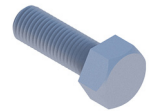
Washer M16 300HV
ISO7093-1 IE
PSZM16Z



Allen screw
M8x100 DIN912 A2
SIM8x100A2



Hexagonal screw
M12x30 IE
SM12x30Z



Hexagonal screw
M16x30 IE
SM16x30Z



Support frame



Purlin

LIST OF PARTS - OTHER INSTALLATION ELEMENTS



Foundation footing