

2nd edition

2023



SOLAR MOUNTING



STRUCTURES

Many years of experience in the production of steel structures and metalworking allowed us to quickly enter a new, dynamically developing RES industry. We offer solid photovoltaic constructions and modern carports.



PRODUCTION



Supporting structures for photovoltaic systems are manufactured in our own machinery park. We also cooperate with various leading subcontractors in industrial production. We use galvanized structural steel for production and the best steel in Magnelis® coating, which protects against corrosion even in extremely hostile conditions.

DESIGNING

We offer ground structures and carports suitable for Polish climatic conditions. We can also prepare an individual project to fit to special requirements.

Our constructors will make the necessary calculations and advise on technical issues, to give you the certainty of a well-executed investment.



DELIVERY

We offer our help finding the best way of transport anywhere in the world. Having cooperation with some of the top transport companies, we always find the best solution for you.

SUPPORT

Your "Peace of Mind" is our motto. You can be sure that with photovoltaic systems, we also give you the technical assistance during the installation process and full support during their use. Additionally we provide for all galvanized structures 5-year warranty, and for the Magnelis® coating a 15-year warranty.

CARPORT

CPED



CPED 1
Parking space



CPED 2+
2+ Parking space

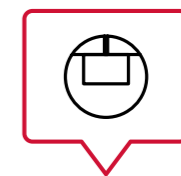
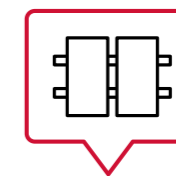
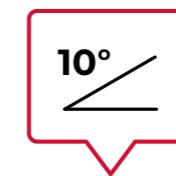
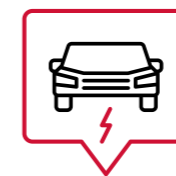
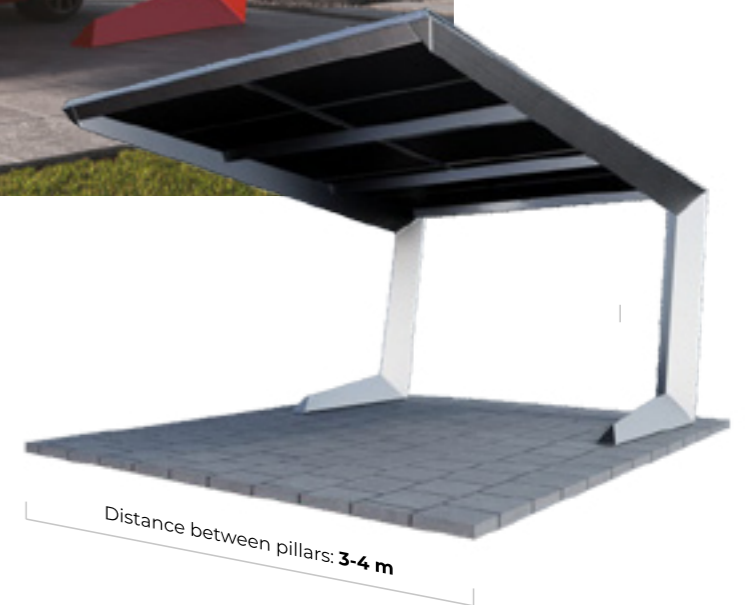


Unique desing - The essence of elegance and modernity. Perfect in front of your house and company headquarters. Requires relatively small foundations. You can't pass by it indifferently. Guaranteed WOW effect!



Galvanized and RAL painted in standard

CPED
Single carport



Dedicated to:	At home, company headquarters
Material:	Structural steel with increased strength
Tilt angle:	10 degrees
Anti-corrosion coating:	Hot dip galvanized
Panels layout:	Horizontal, sealing between panels as standard
Mounting method:	In the foundation (own or prefabricated Amiston)
Optional:	RAL color · system gutter mount

CARPORT

CPU



CPU 1
Single carport



CPU 2
Double carport

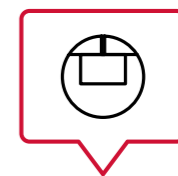
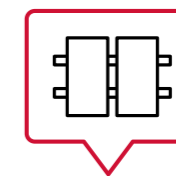
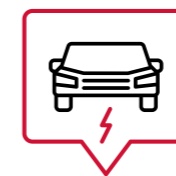
Classic lightweight design suits well to any location. A row house, a single-family home, or a hotel? It looks simply well and suits to your needs. Available in two options: single or double with the possibility to add extra parking places (modular system).



CPU2
Double carport



CPU1
Single carport
RAL color 7016



Dedicated to:	Universal
Material:	Structural steel with increased strength
Tilt angle:	10 degrees
Anti-corrosion coating:	Hot dip galvanized
Panels layout:	Vertical · Horizontal on individual request
Mounting method:	To the foundation (we make their designs)
Holes:	For the installation of the gutter
Optional:	RAL color · side cover · roof sealing holes for fixing the inverter

CARPORT

CPW



CPW 1
Single carport



CPW 2
Double carport

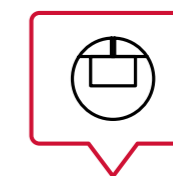
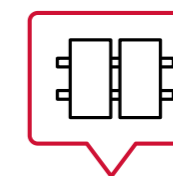
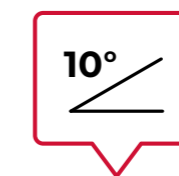
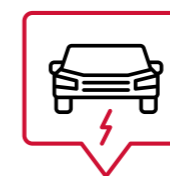
For everyone and for everywhere. Similar construction of the CPU, it's 2 supports make it easier to step out of the car parked inside. Incredibly stable and with smaller foundations. Recommended for using 500Wp+ modules.



CPW2
Double carport



RAL color 7016

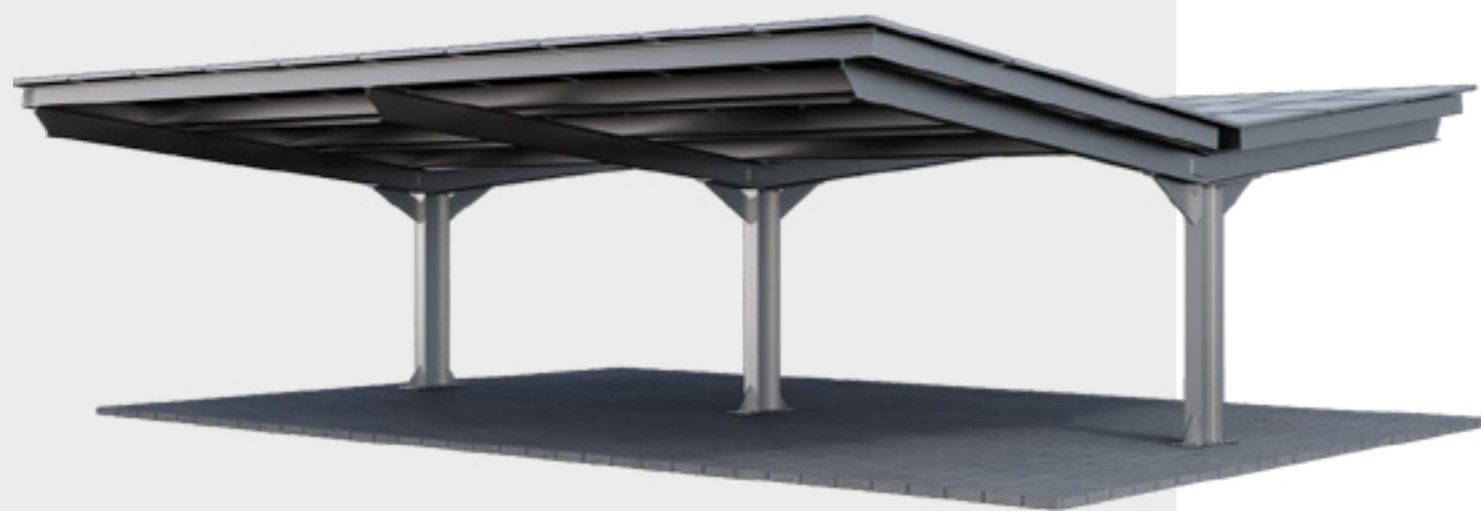


Dedicated to:	Universal
Material:	Structural steel with increased strength
Tilt angle:	10 degrees
Anti-corrosion coating:	Hot dip galvanized
Panels layout:	Vertical · Horizontal on individual request
Mounting method:	To the foundation (we make the designs)
Holes:	For the installation of the gutter
Optional:	RAL color · side cover · roof sealing holes for fixing the inverter

CARPORT CPPY

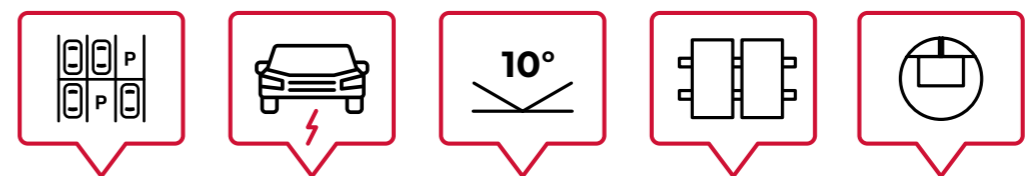
Reliability and strength. Carport ideal for large parking lots and shopping malls. Ensures free car manoeuvring and door opening.

The roof of the carport in the east-west arrangement.



Distance between pillars: 5 m

CPPY - multi-parking space



Dedicated to:	Large parking lots, shopping malls
Material:	Structural steel with increased strength
Tilt angle:	10 degrees
Anti-corrosion coating:	Hot dip galvanized
Panels layout:	Vertical · Optional horizontal
Mounting method:	To the foundation (we make their designs)
Holes:	For the installation of the gutter
Optional:	RAL color · side cover · roof sealing

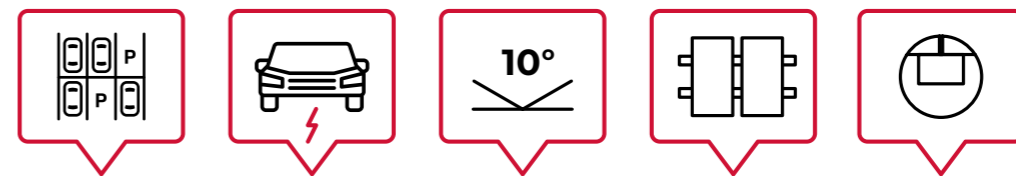
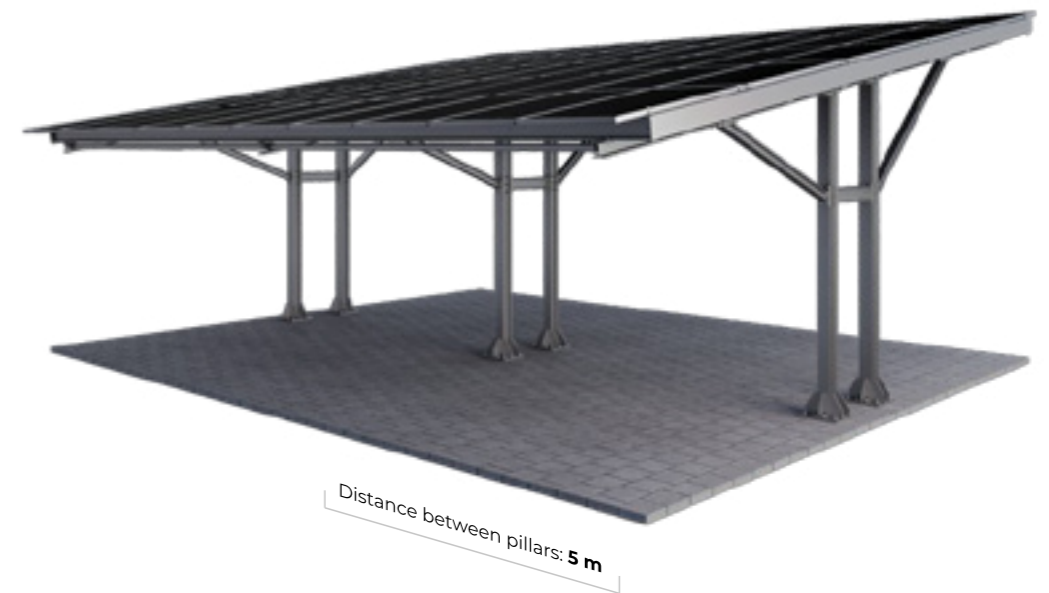
CARPORT

CPPT



Industrial construction, the system of supports allows collision-free parking and getting out of the car.

The single-pitched roof of the carport is 10-12 m long.

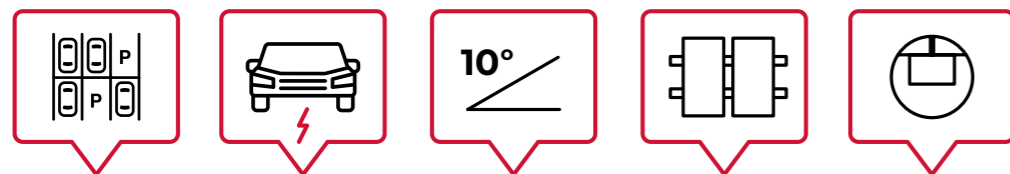
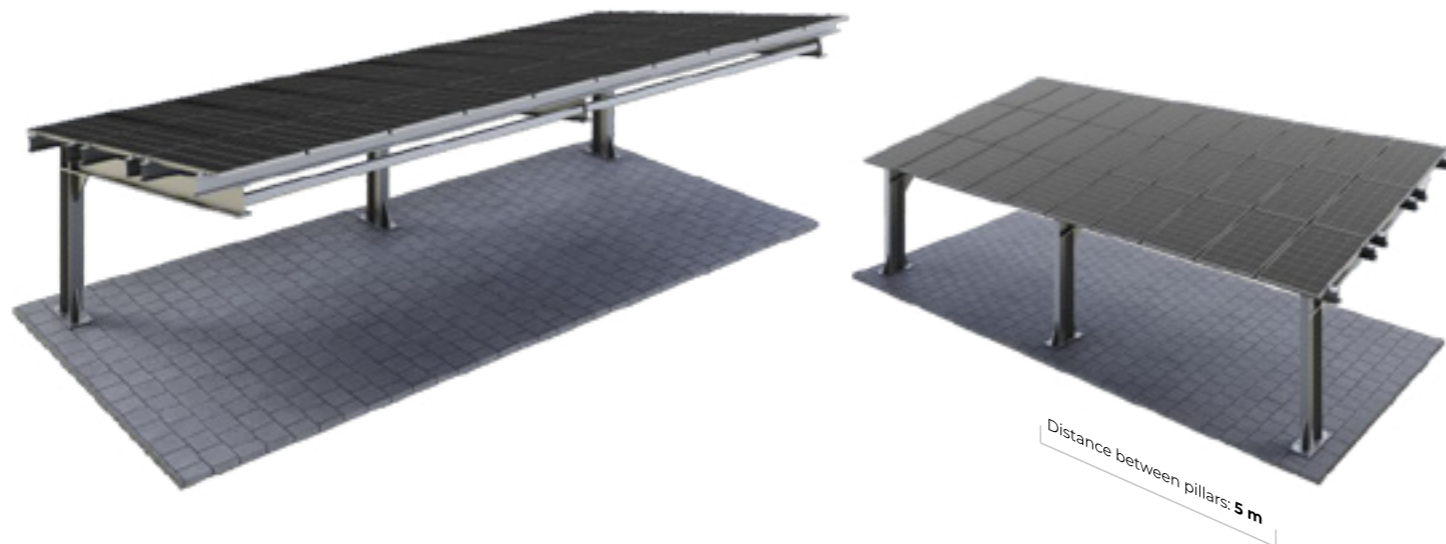


Dedicated to:	Large parking lots, shopping malls
Material:	Structural steel with increased strength
Tilt angle:	10 degrees
Anti-corrosion coating:	Hot dip galvanized
Panels layout:	Vertical · Optional horizontal
Mounting method:	To the foundation (we make their designs)
Holes:	For the installation of the gutter
Optional:	RAL color · side cover · roof sealing

CARPORTS

CPPL

This carport is designed in order to cover large-area car parks, so as CPPY and CPPT. It is suitable for one row of parking spaces. Solid structure that requires massive anchoring to the ground.



Dedicated to: Parking lots, shopping malls

Material: Structural steel with increased strength

Tilt angle: 10 degrees

Anti-corrosion coating: Hot dip galvanized

Panels layout: Vertical

Mounting method: To the foundation (we make the designs)

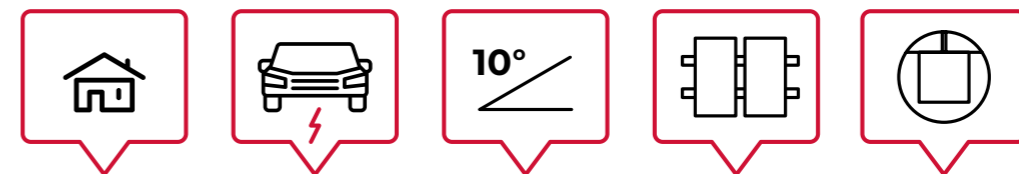
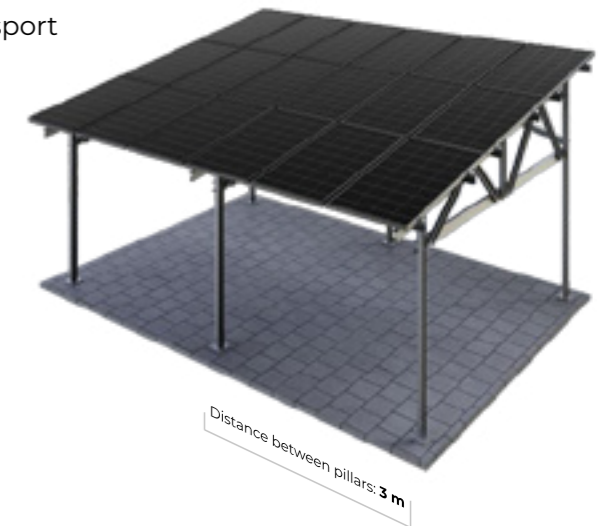
Holes: For the installation of the gutter

Optional: RAL color · side cover · roof sealing

CPE

HIT of sales! Can be a carport, gazebo, patio canopy.

Requires little foundation, extremely convenient to transport and easy to install.



Dedicated to: Private house

Material: Structural steel with increased strength

Tilt angle: 10 degrees

Anti-corrosion coating: Hot dip galvanized

Panels layout: Vertical

Mounting method: To a small foundation according to the designs.

Holes: For the installation of the gutter

YOU HAVE

THE POSSIBILITY TO JOIN CARPORTS



All Amiston carports are designed in a modular way – you can expand it with new parking positions. We can also adjust the width between support poles to perfectly suit your site conditions.

Exactly as you need.



Green energy matters

Investors often think that in photovoltaics only panels and inverters count. We know, that most important is selection of adequate load-bearing elements for the entire installation.

Reliability and simplicity - these were the goals of our constructors during the design process of our ground mounting systems.

Profiles made of high-quality steel have the appropriate thickness - you get a stable and trustworthy framework for a photovoltaic installation. AMISTON constructions are easy to assemble - you save time and money.

FREE-STANDING BALLASTED

STRUCTURE

We provide prefabricated concrete ballasts for every ground mounted structure!



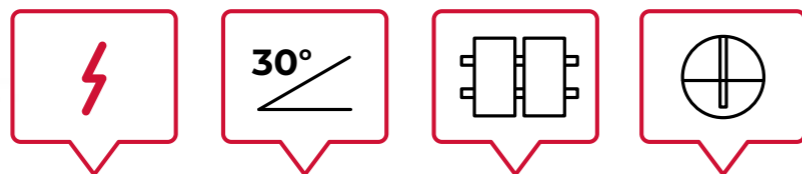
REINFORCED
CONCRETE
C20/25



GROUND MOUNTED SYSTEMS

DV2

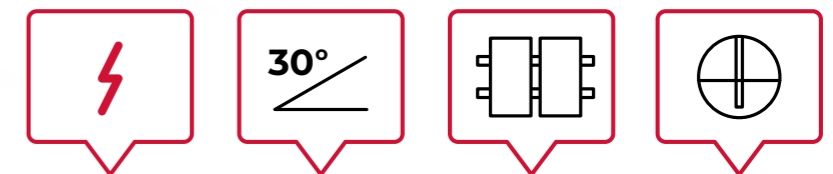
The most popular design with two verticals rows of panels.
Customizable for any size of installation, from 6 to over 100 PV panels.



GROUND MOUNTED SYSTEMS

DV3

High structure, 3 rows vertically, often chosen for 50kW installations



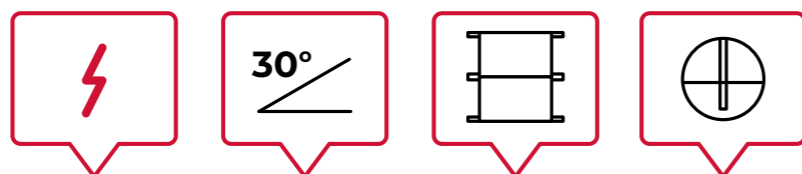
Material:	Structural steel with increased strength
Tilt angle:	30 degrees
Anti-corrosion coating:	Magnelis®
Panel layout:	Vertical
Mounting method:	Hammer-on the ground or concreted
In standard:	Possibility to install any size of PV panel modular system V
Optional:	Mounting the inverter · 25 degree tilt angle

Material:	Structural steel with increased strength
Tilt angle:	30 degrees
Anti-corrosion coating:	Magnelis®
Panel layout:	Vertical
Mounting method:	Hammer-on the ground or concreted
In standard:	Possibility to install any size of PV panel modular system V
Optional:	Mounting the inverter · 25 degree tilt angle

GROUND MOUNTED SYSTEMS

DH3

Classic, 3 rows horizontally, very durable photovoltaic construction.

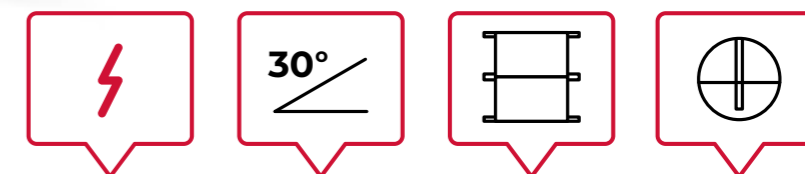


Material:	Structural steel with increased strength
Tilt angle:	30 degrees
Anti-corrosion coating:	Magnelis®
Panel layout:	Horizontal
Mounting method:	Hammer-on the ground or concreted
In standard:	Suitable for modules with a width of 990-1170 mm
Optional:	Mounting the inverter · 25 degree tilt angle

GROUND MOUNTED SYSTEMS

DH4

Classic design with four stacked rows horizontally. Very durable photovoltaic construction.

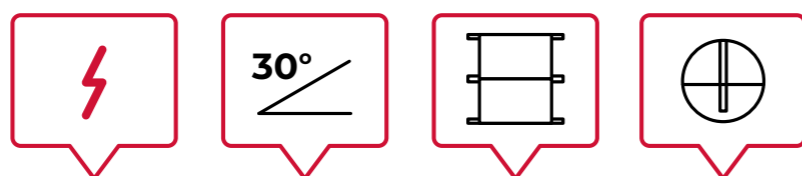


Material:	Structural steel with increased strength
Tilt angle:	30 degrees
Anti-corrosion coating:	Magnelis®
Panel layout:	Horizontal
Mounting method:	Hammer-on the ground or concreted
In standard:	Suitable for modules with a width of 990-1170 mm
Optional:	Mounting the inverter · 25 degree tilt angle

GROUND MOUNTED SYSTEMS

DH5

Construction with five rows of panels horizontally –
the solution for individual needs.



Material: S350 high-strength structural steel

Tilt angle: 30 degrees

Anti-corrosion coating: Magnelis®

Panel layout: Horizontal

Mounting method: Hammer-on the ground or concreted

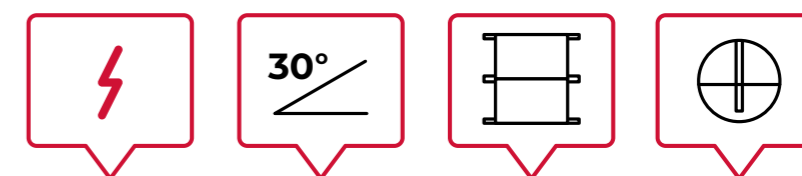
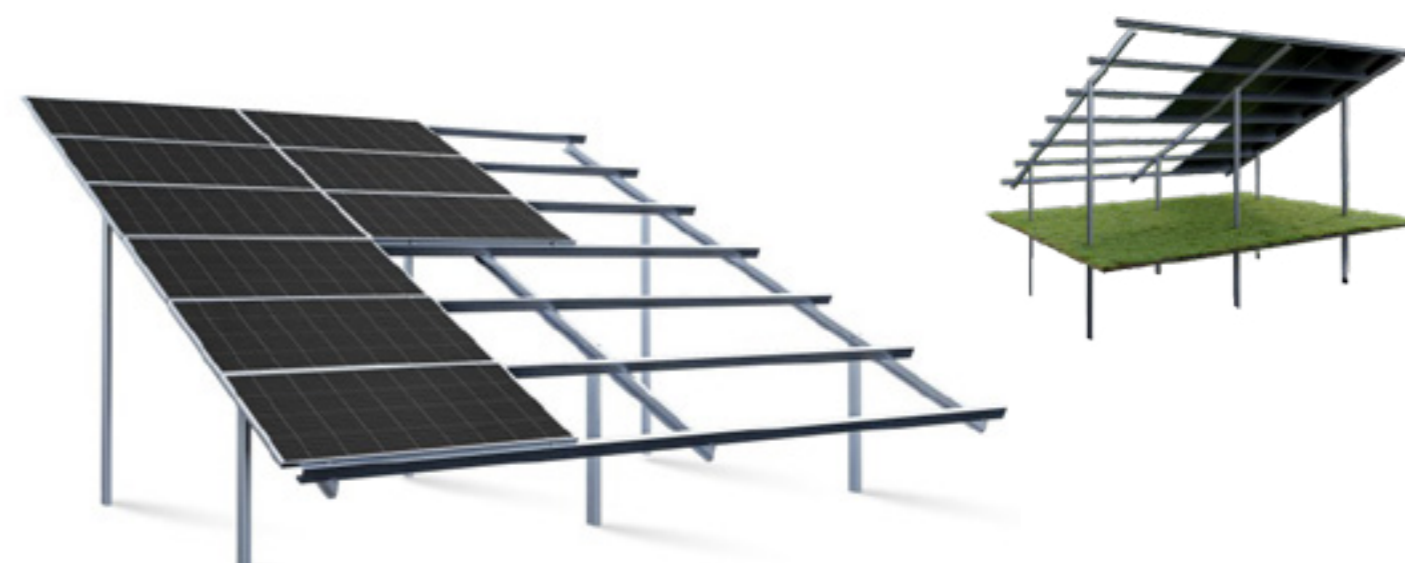
In standard: Possibility to install any size of PV panel,
modular system H

Optional: Inverter mounting · angle of inclination from 25° to 35° · additional
braces mounting to the ballast (product in the offer) · assembly to
a concrete base

GROUND MOUNTED SYSTEMS

DH6

Construction with six rows of panels horizontally –
the solution for individual needs.



Material: S350 high-strength structural steel

Tilt angle: 30 degrees

Anti-corrosion coating: Magnelis®

Panel layout: Horizontal

Mounting method: Hammer-on the ground or concreted

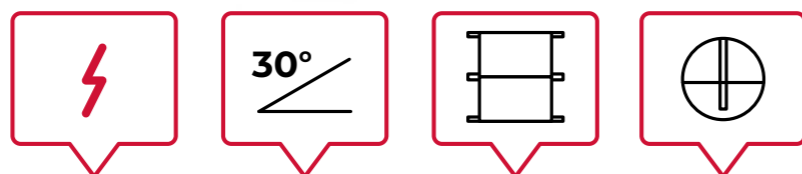
In standard: Possibility to install any size of PV panel,
modular system H

Optional: Inverter mounting · angle of inclination from 25° to 35° · additional
braces mounting to the ballast (product in the offer) · assembly to
a concrete base

GROUND MOUNTED SYSTEMS

DH3BF

Elevated, 3 rows horizontally, no shade to the rear of the modules.



Material: Structural steel with increased strength

Tilt angle: 30 degrees

Anti-corrosion coating: Magnelis®

Panel layout: Horizontal

Mounting method: Hammer-on the ground or concreted

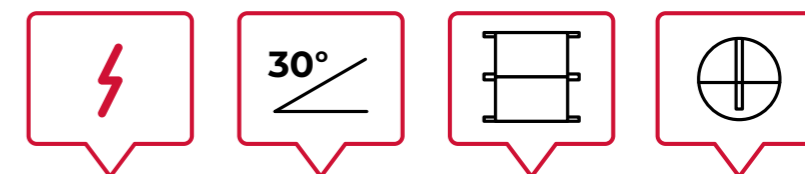
In standard: Suitable for modules with a width of 990-1170 mm

Optional: Mounting the inverter · 25 degree tilt angle

GROUND MOUNTED SYSTEMS

DH4BF

Elevated, 4 rows horizontally, no shade to the rear of the modules.



Material: Structural steel with increased strength

Tilt angle: 30 degrees

Anti-corrosion coating: Magnelis®

Panel layout: Horizontal

Mounting method: Hammer-on the ground or concreted

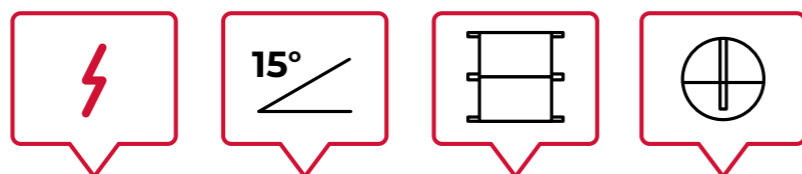
In standard: Suitable for modules with a width of 990-1170 mm

Optional: Mounting the inverter · 25 degree tilt angle

GROUND MOUNTED SYSTEMS

DH3WZ

Double slope, east west oriented construction,
3 rows horizontally



Material: S350 high-strength structural steel

Tilt angle: 15 degrees

Anti-corrosion coating: Magnelis®

Panel layout: Horizontal

Mounting method: Hammer-on the ground or concreted

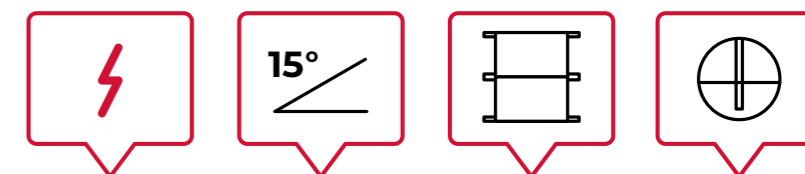
In standard: Possibility to install any size of PV panel,
modular system H

Optional: Inverter mounting · angle of inclination from 25° to 35° · additional
braces mounting to the ballast (product in the offer) · assembly to
a concrete base

GROUND MOUNTED SYSTEMS

DH4WZ

Double slope, east west oriented construction,
4 rows horizontally.



Material: S350 high-strength structural steel

Tilt angle: 15 degrees

Anti-corrosion coating: Magnelis®

Panel layout: Horizontal

Mounting method: Hammer-on the ground or concreted

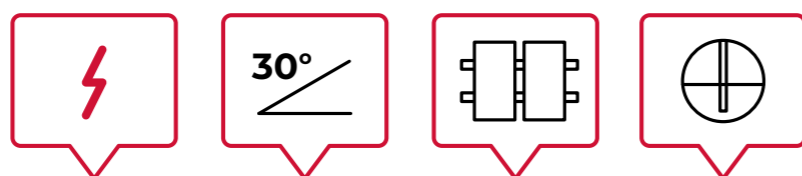
In standard: Possibility to install any size of PV panel,
modular system H

Optional: Inverter mounting · angle of inclination from 25° to 35° · additional
braces mounting to the ballast (product in the offer) · assembly to
a concrete base

GROUND MOUNTED SYSTEMS

SV1

Single support, 1 row vertically, twice less pouncing, low.

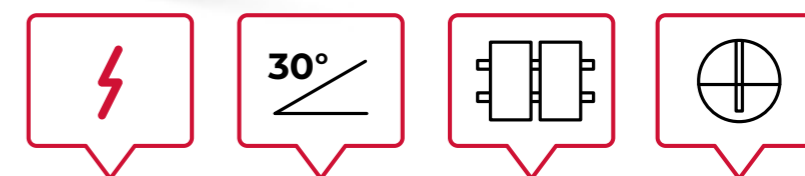


Material:	Structural steel with increased strength
Tilt angle:	30 degrees
Anti-corrosion coating:	Magnelis®
Panel layout:	Horizontal
Mounting method:	Hammer-on the ground or concreted
In standard:	Load-bearing pillar, C profile 100x60 mm, wall thickness 3 mm
Optional:	Mounting the inverter · 25 degree tilt angle

GROUND MOUNTED SYSTEMS

SV2

Single-support, 2 rows vertically, twice less pouncing, for good grounds



Material:	Structural steel with increased strength
Tilt angle:	30 degrees
Anti-corrosion coating:	Magnelis®
Panel layout:	Horizontal
Mounting method:	Hammer-on the ground or concreted
In standard:	Load-bearing pillar, C profile 100x60 mm, wall thickness 3 mm
Optional:	Mounting the inverter · 25 degree tilt angle



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