



Solar energy needs strong support



PV-Systems Ground mount

The **hema**-rack ground mounted systems offer strong support

- ▣ Rammed system - no sealing of soil
- ▣ Major components pre-assembled
- ▣ Perfectly matched system components
- ▣ High economic efficiency
- ▣ Fast and straight forward installation
- ▣ Wires can be run in profiles
- ▣ High steel and galvanization grades for life spans up to 30+ years
- ▣ Different system variations for different applications
- ▣ System can be designed to work with terrain slopes up to 20°

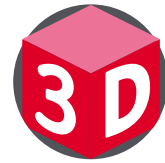


Product information

Material	Steel grades S350 - S500 Strong galvanization using Zinc-Magnesium layers in strength of ZM600+ (according to DIN Norms) Hardware: stainless steel
Construction	Specifically designed profiles Easy adjustability of mounting system during installation if needed Module clamps with grounding possibility optional available
PV-Module compatibility	Compatible with most common known PV-module-types
Services	Support during planning phase: help with layout using PV-Case Project specific structural calculations and report provided for every project, signed by a third party and independent structural engineer Detailed technical drawings of the specifically for the project designed system Optional: Geotechnical survey for determining the embedment depths of the posts, including chemical analysis - all performed by a third party geotechnical engineer
Logistics	All rails and components packaged for convenient unloading and distribution at and on construction site
Voluntary Guarantee	Up to 10 years, when following the maintenance guidelines
Accessories	<ul style="list-style-type: none">• Inverter and Combiner Box mounting options• Cable trusses• Mower protection• Adaptors for installation possibilities on concrete surfaces



hema-rack Type I



Support system

Maximum number of modules installable per module table.

The single support system
for small module surfaces

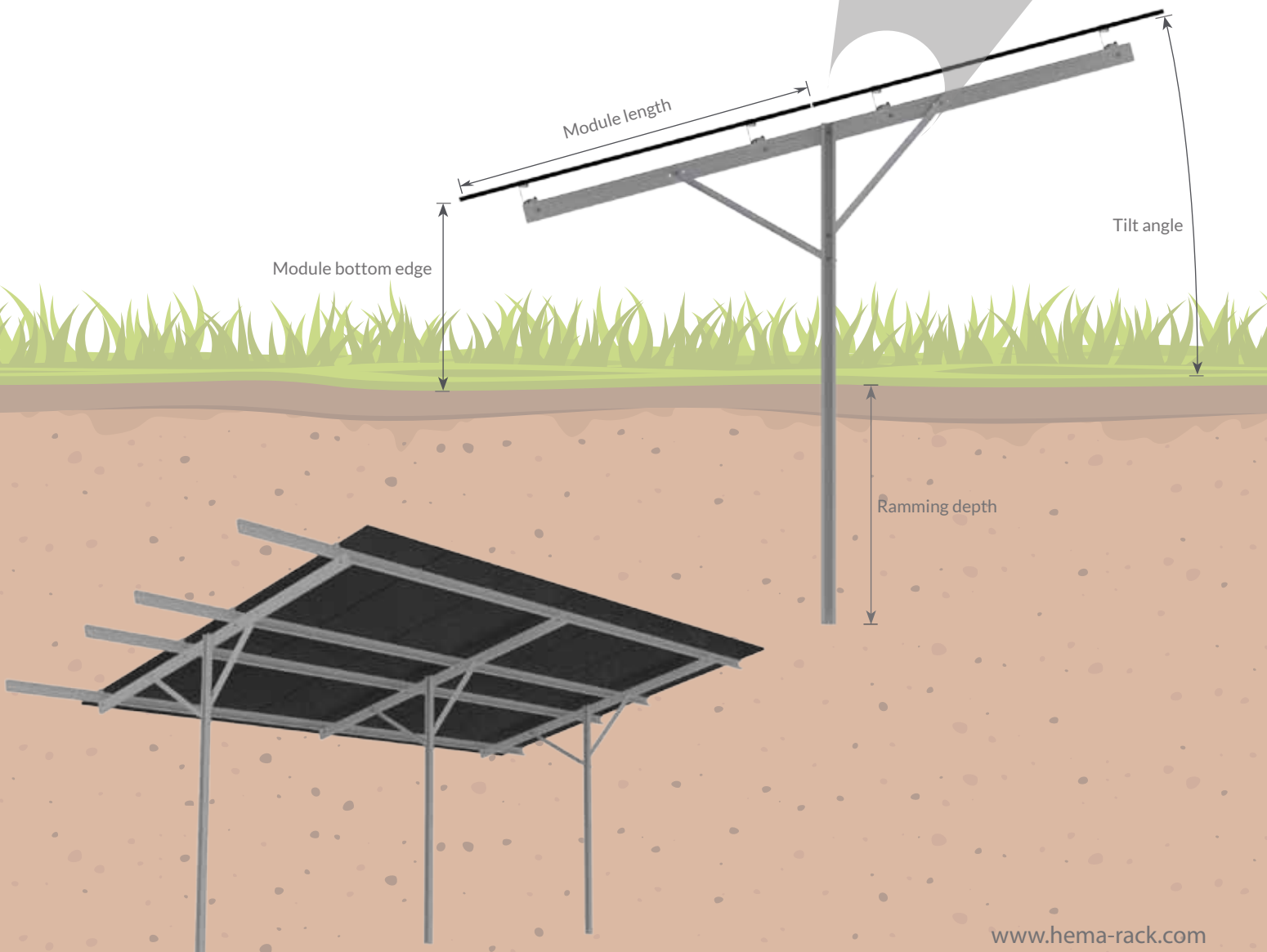


2V

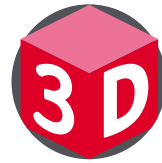


4H

- Easy terrain and site maintenance because of central support post
- Lower build up of system due to smaller module surface area
- Inclinations angles from 5 to 30 degrees possible
- Vertical or horizontal module installation possible
- Usable for most common module brands
- Individual design for the specific project location
- Fast and easy installation - pre-assembled components



hema-rack Type II



Two post system

Maximum number of modules installable per module table.

Versatile solution for any size,
even with difficult floors

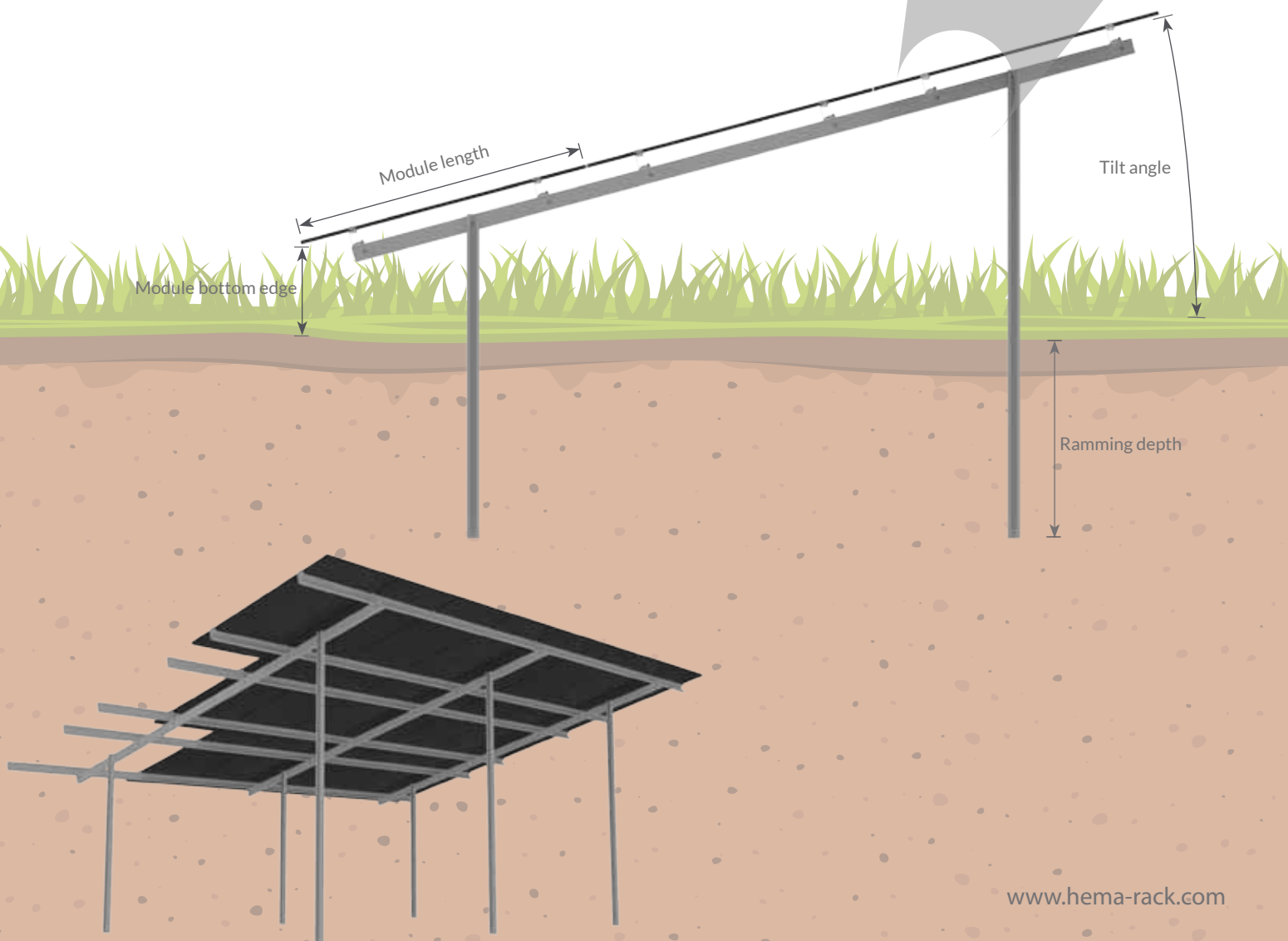


6V

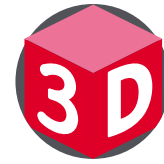


8H

- Large module surfaces possible
- Good ground coverage ratio
- Inclinations angles from 5 to 30 degrees possible
- Vertical or horizontal module installation possible
- Usable for most common module brands
- Individual design for the specific project location
- Fast and easy installation - pre-assembled components



hema-rack Type IV

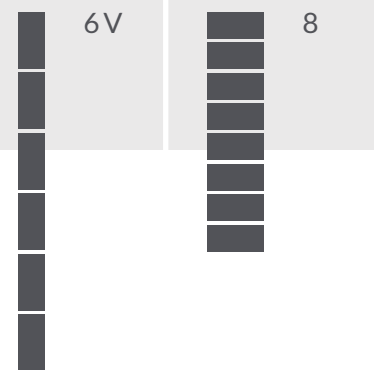


East-West system

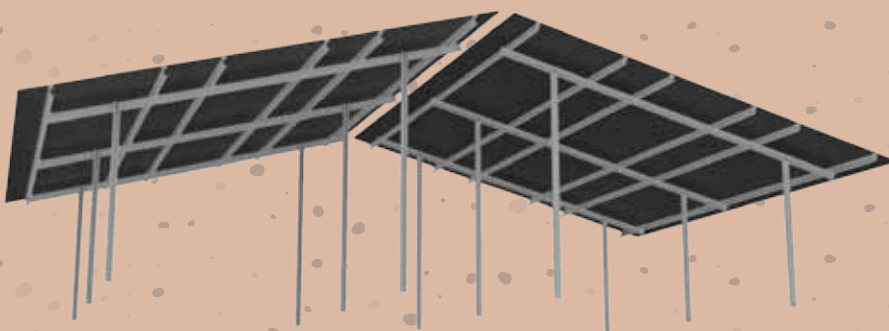
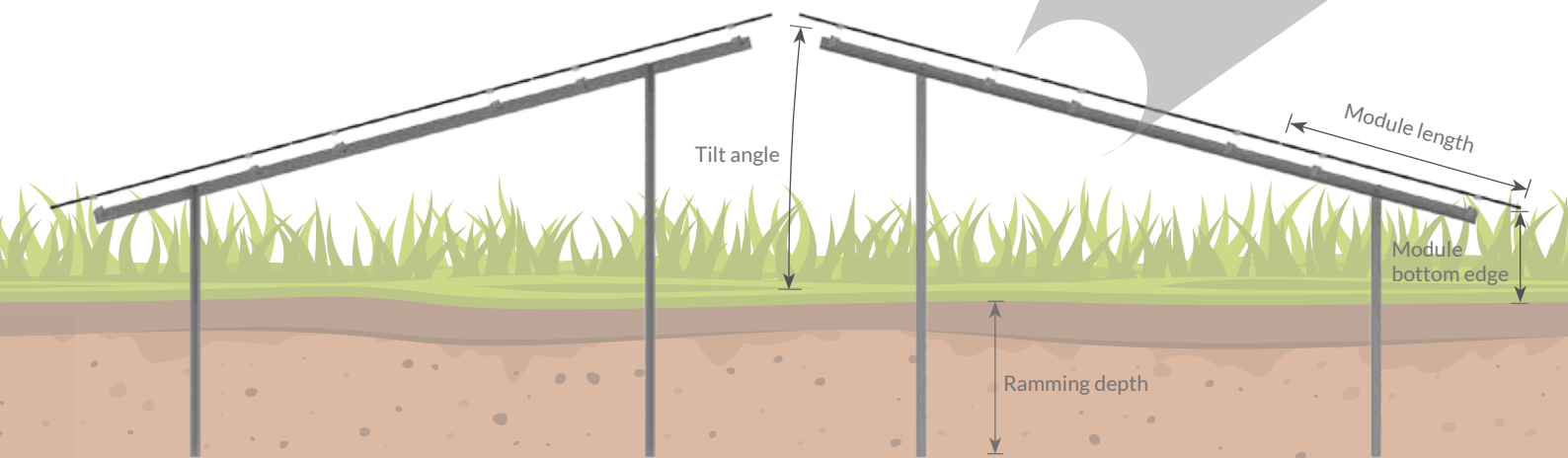
Maximum number of modules installable per module table.

Maximum utilisation of available space

Evenly spread out energy production all day long



- Close to 100% utilisation of available space possible
- Very large module table sizes possible
- Reduced wind loads on mounting system and modules
- Inclinations angles from 5 to 20 degrees possible
- Vertical and horizontal module storage possible
- Usable for most common module brands
- Individual design for the specific project location
- Fast and easy installation - pre-assembled components

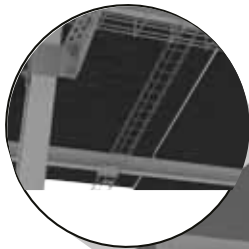


hema-rack Accessories

Optimize your PV system installation with our optional accessories.

- ▀ Specially manufactured parts guarantee efficiency, safety and durability
- ▀ practical solutions for cable management, protection devices and fastening solutions

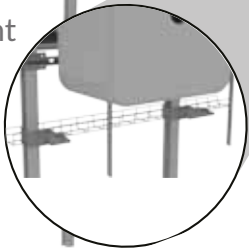
Wire-Management along binder



inverters/Combiner Box attachment

- ▀ Easily installed
- ▀ Adaptable to most common and standard inverter brands

Wire-Management inverter



Alternative to Wire-Management tray:
Grided structure for ventilation and attachment for cables

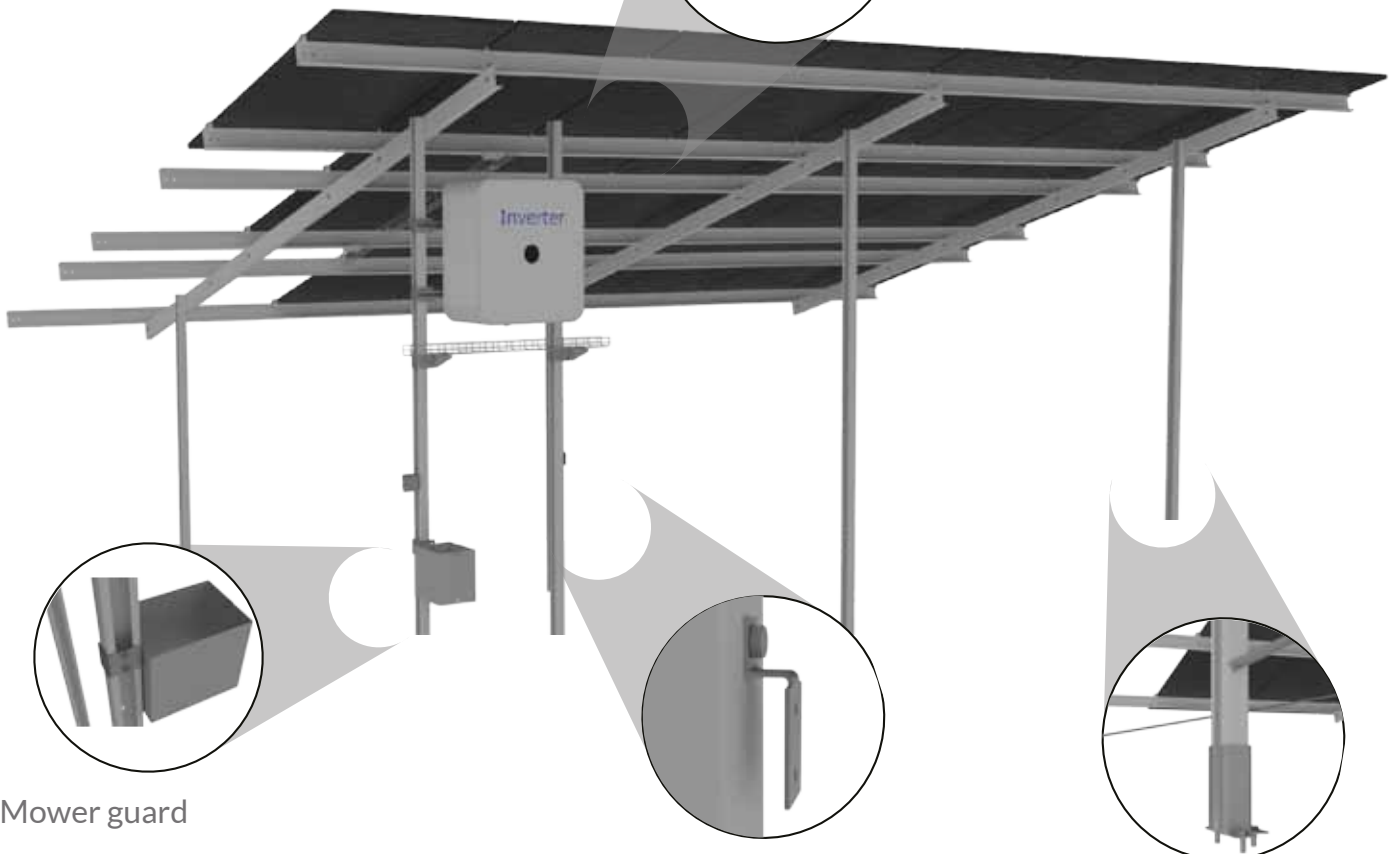
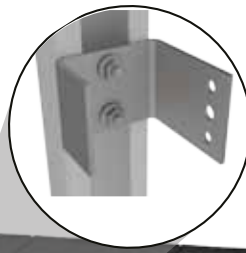
- ▀ Protection for cables against mechanical influences
- ▀ Grid structure for ventilation and legibility of cable labeling
- ▀ Protection from animals

hema-rack Accessories

Essential elements and solutions for safe operation and protection of your system

Clamping angle

- ▀ Useable to mount rails, inverters attachments or other components to the posts of the system
- ▀ Attachable to post without drilling



Mower guard

- ▀ Protection for cables and/or against mowers or other machinery

Grounding/Earthin plate

- ▀ Attachment plate for grounding/earthing lugs
- ▀ Corrosion resistant material

Console

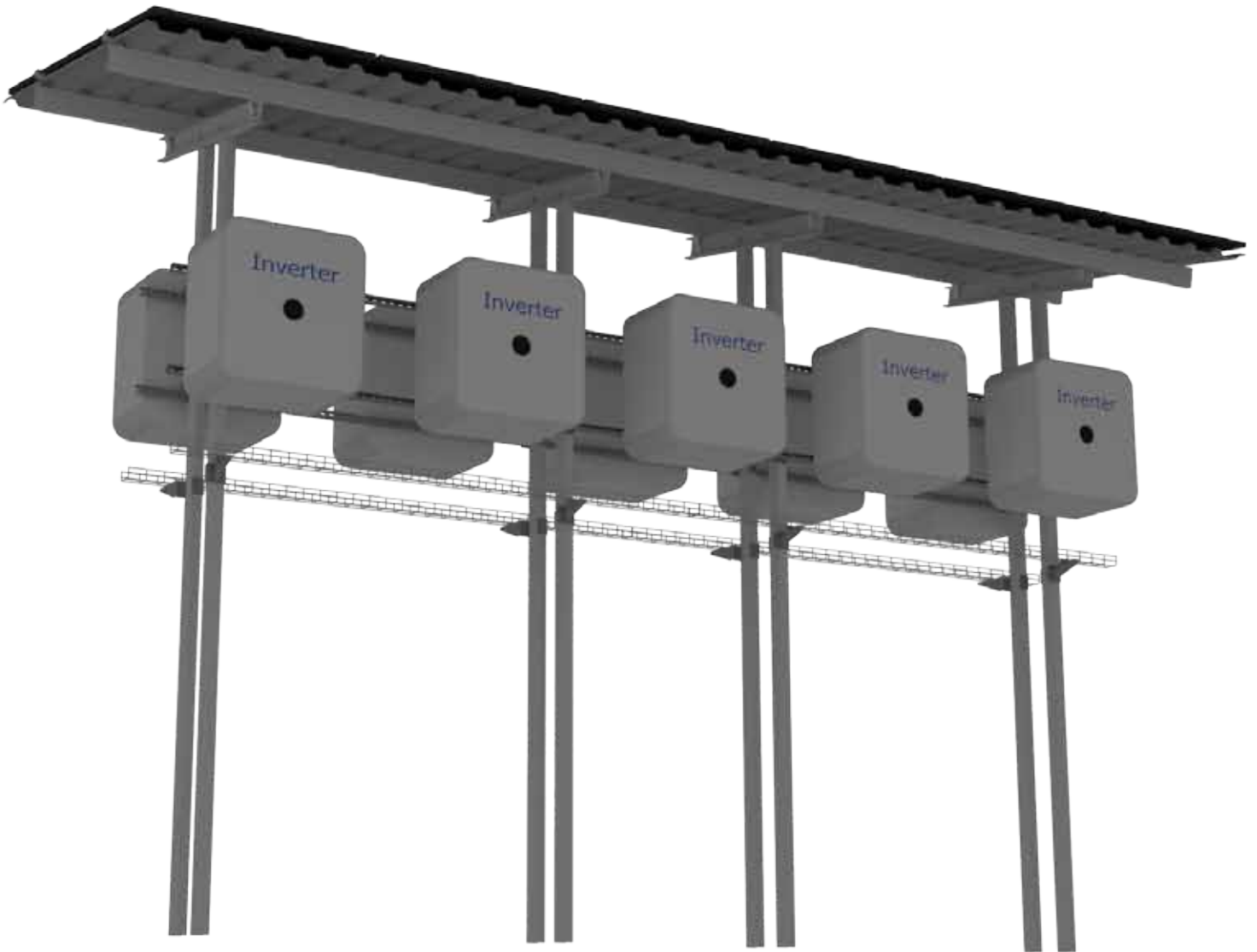
- ▀ Adapter for installations directly to concrete surfaces

hema-rack Accessories

All accessory components are also available for the inverter shelter.

Inverter/Combiner Box - Shelter

- ▣ Easy access to several inverters and combiner boxes in one spot
- ▣ Ideal for maintenance
- ▣ Flexible placement within solar park





Take advantage of our experience from numerous projects!

Please scan the QR-code to find more information on our products!



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Our company is certified according to ISO 9001:2015.