



ONENESS
Solar Mounting Systems

COMPANY INTRODUCTION

**Ground,
Rooftops
And Carports**



ENGINEERING / MANUFACTURING / PROJECT EPC SUPPORT



Your engineering partner, Your mounting manufacturer!

We design and manufacture steel and aluminum mounting systems for commercial, industrial and utility-scale solar projects.

BULGARIA & CHINA

Engineering and manufacturing capabilities connected to Global project needs.

From initial project assessment to the full installation package.



**A practical team.
A project-specific approach.**

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COMPANY OVERVIEW

We **focus on solar mounting systems**. We believe that racking structures should be **simple, easy to install, built to last, and ready to perform anywhere in the world.**

ONENESS is a team of experienced professionals in engineering, machinery and business development. We operate with administrative and production **facilities in both Bulgaria and China.**

From our early days supplying small rooftop systems to engineering complex ground-mount and large commercial rooftop projects, our passion for precision and efficiency has never faded. We grew into a trusted partner for investors, EPCs, distributors and installers across three continents.



WHERE WE ARE GOING

Our mission is simple: every project, from a single residential roof to a multi-megawatt solar power plant to be completed with **speed, quality and confidence.**



CREDIBILITY

- We listen, design and produce for your needs.
- Quality materials, strong engineering focus, and attention to details are in everything we make.
- We support from the first intention to final installation!

PRODUCT RANGE

- Fixed Steel And Aluminum Ground Mounting Structures
- Metal, Flat and Tile Roof Aluminum Mounting Systems
- Steel and Aluminum Carport structures



ONENESS COMPANY STRUCTURE



**Engineered for performance.
Built for EPCs, developers, distributors and installers.**

ONENESS TECH LTD, BULGARIA

Engineering & Product design owner. Brand and patent co-owner. EU distribution and operating presence. Varna city hosts the EU workshop, assembly, warehouse and main engineering capability.

SHANGHAI ONENESS TECH CO., LTD.

Manufacturer and ONENESS brand and patent co-owner. Shanghai headquarters with marketing, R&D and the main production facility.

EUROPEAN CUSTOMER SUPPORT

Project-specific structural work, technical drawings, BOM development, installation support and regional logistics. Full EPC services and maintenance.



PV MOUNTING PORTFOLIO



GROUND

Steel and aluminum systems, single or double post, multiple module configurations and foundation options.

FLAT ROOF

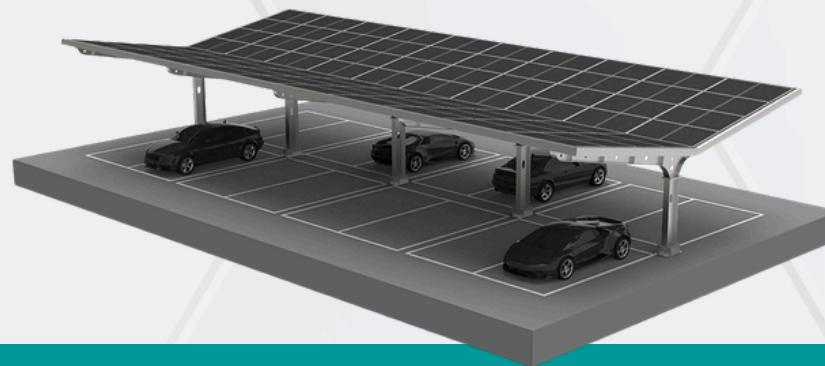
Aluminum Ballasted East-West & South systems, including NEO and X2 seria product families.

METAL ROOF

Aluminum Mini Rail and U-Type Rail for trapezoidal roofs covering all C&I demand.

CARPORT

Steel or aluminum fully waterproof solutions, engineered matching parking layout, spans, clearance and loads.



System selection follows the site, module, loading and installation requirements.

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PROJECT-SPECIFIC ENGINEERING

Engineering from project data to production release

- 01 **PROJECT INPUT** Location, module data, layout, wind and snow basis, soil report information
- 02 **STRUCTURAL WORK** Load assessment, sizing, connection design and foundation
- 03 **OPTIMIZATION** Material grade, pre-assembly, packing logic and installation sequence
- 04 **DELIVERABLES** Drawings, bill of materials, production release and installation guidance

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MANUFACTURING AND QUALITY CONTROL

- 1 Incoming material verification**
- 2 Cutting, forming and welding**
- 3 Surface treatment control**
- 4 Dimensional inspection**



- 5 Pre-assembly checks**
- 6 Packing and shipment release**
- 7 EU Customs clearance**
- 8 DDP Optionality to any EU location**

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PRODUCT PORTFOLIO

Ground Systems Shaped by the Site

COMMERCIAL + UTILITY-SCALE PV



1V / 2V / 3V / 4H

Project-specific layout

Steel & Aluminum

Fixed-tilt structures designed according to the project requirements.

Module configurations

Portrait and landscape layouts for mono- and bifacial modules.

Foundation options

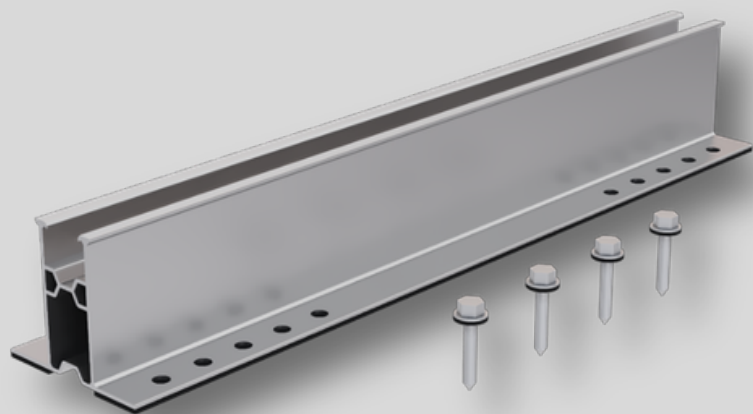
Driven posts, ground screws or concrete blocks, subject to site design.



PRODUCT PORTFOLIO

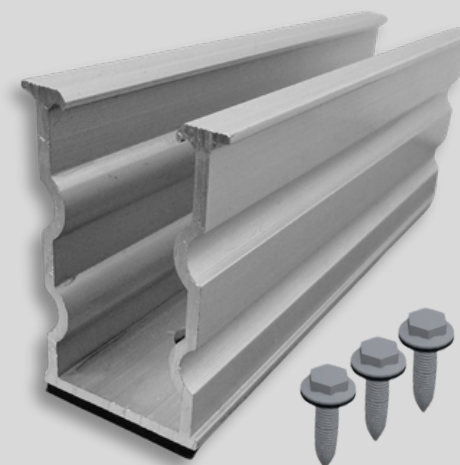
Compact Mounting for C&I Corrugated Trapezoidal Metal Sheet Roofs

COMMERCIAL + UTILITY-SCALE PV



H30 / H60 | AL6005-T5

Mini Rail System
PORTRAIT LAYOUTS



H30 / H50 | AL6005-T5

U-Type Rail System
LANDSCAPE LAYOUTS

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PRODUCT PORTFOLIO

Compact Mounting for C&I Flat Roofs

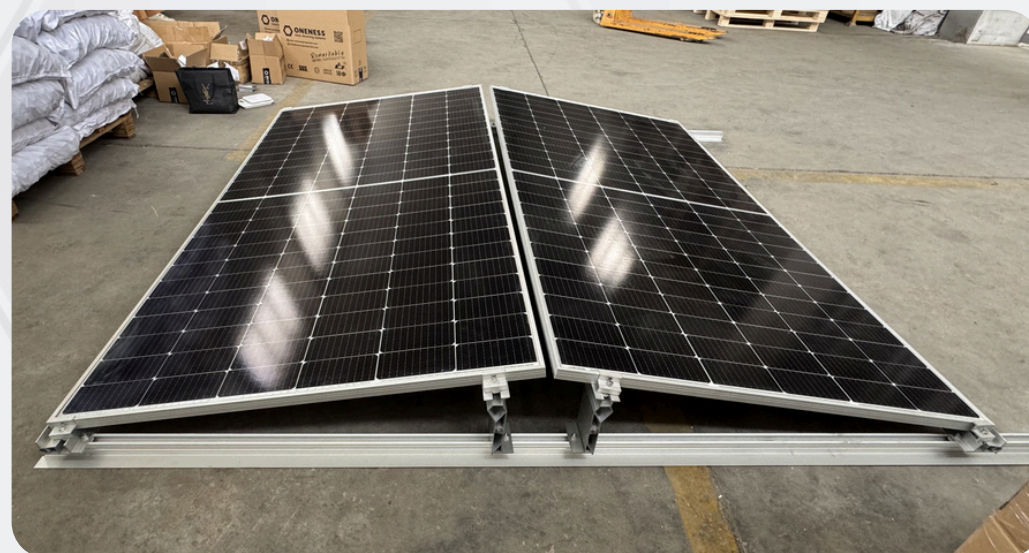
COMMERCIAL + UTILITY-SCALE PV



10 and 15 degree tilt | AL6005-T5
Long Side PV Module Fixation

Ballasted X2 System

EAST-WEST & SOUTH ORIENTATION



10 and 15 degree tilt | AL6005-T5
Short Side PV Module Fixation

Ballasted NEO System

EAST-WEST & SOUTH ORIENTATION

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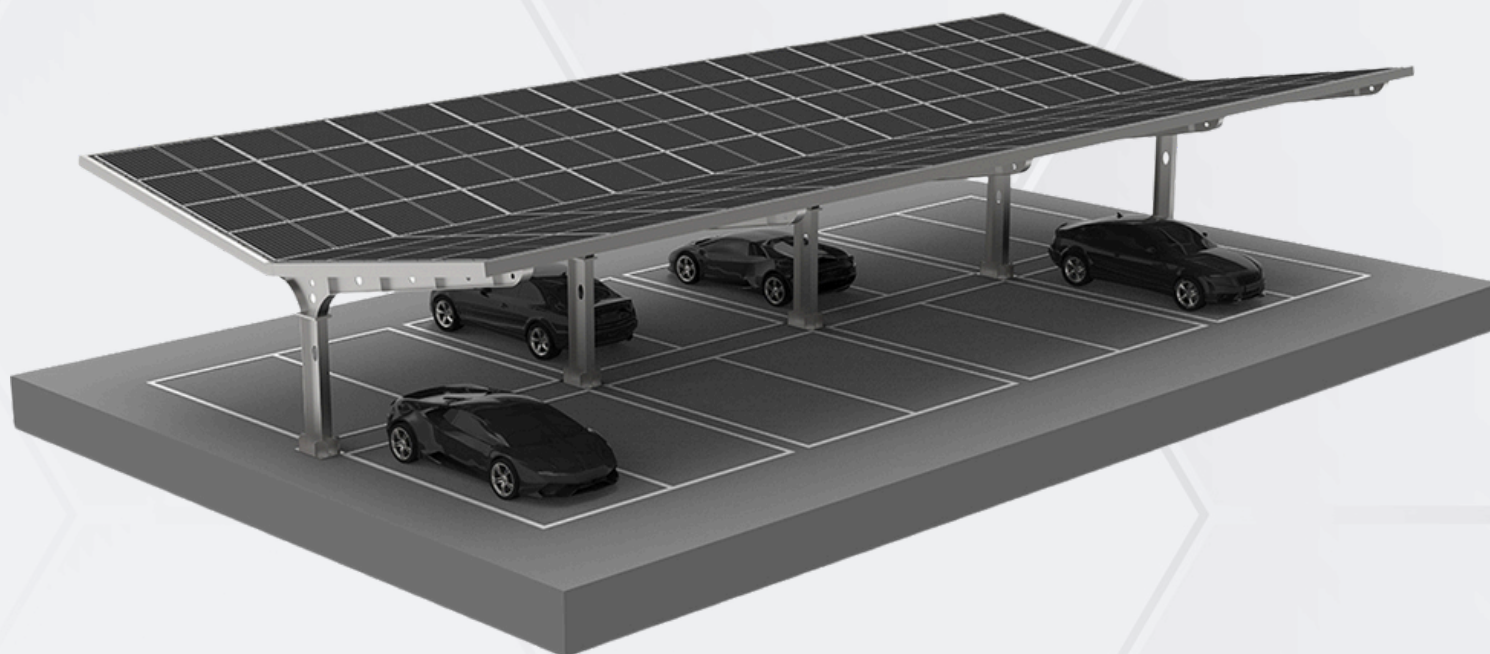


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PRODUCT PORTFOLIO

Make parking space working

SOLAR MOUNTING STRUCTURES FOR COMMERCIAL AND INDUSTRIAL PARKING LOTS



Double-sided steel design

A dedicated structure for covered parking and PV modules.

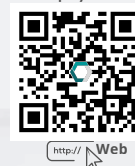
Integrated water channels

Portrait and landscape drainage channels within the system.

Project-specific design

Adapt the layout and specification to the site.

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PRODUCT PORTFOLIO

Site conditions drive the design

SOLAR MOUNTING STRUCTURES FOR COMMERCIAL AND INDUSTRIAL PARKING LOTS

Site & module data

Location, roof or terrain, module dimensions and array layout.

Loads & interfaces

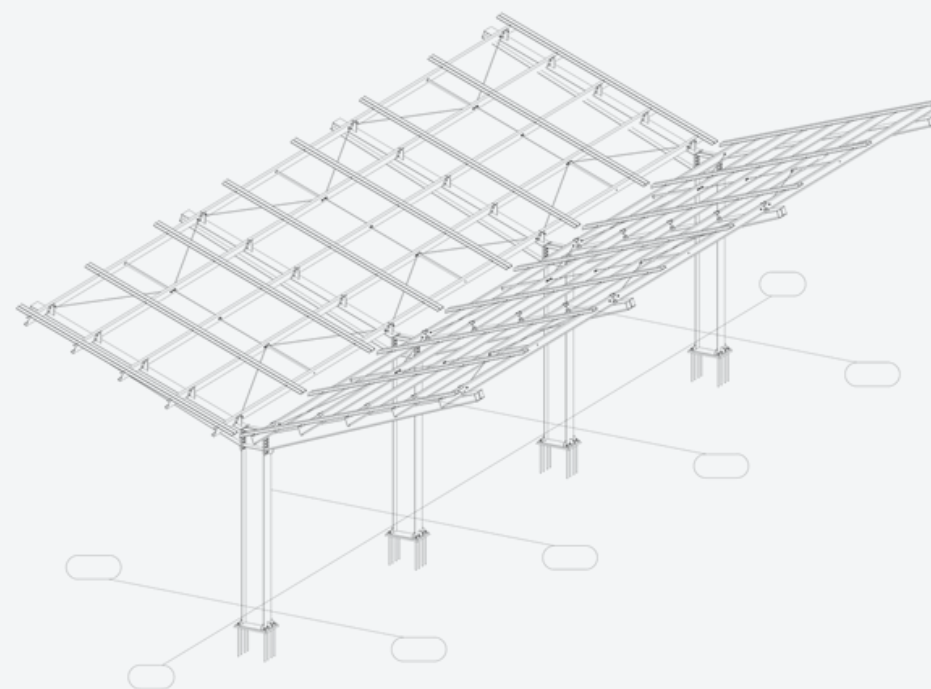
Wind and snow actions, roof conditions or foundation inputs.

Structural design

Members, connections, fixation geometry and component selection.

Project deliverables

Technical drawings, quantities and installation documentation.



ENGINEERING FOLLOWS THE PROJECT



BUSINESS STRATEGY

A practical partner for your business.

✓ EPC contractors

A defined mounting package, supported by engineering, drawings, quantities and supply coordination.

✓ Project developers

Early technical input to align the mounting solution with site conditions and project requirements.

✓ Distributors

A broad product range, clear technical documentation and quotations for specific opportunities.

✓ Installers

Practical component details, assembly guidance and technical support for the installation.

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One brief. A project-specific response.

WHAT YOU SEND

- 01 Location and installation type
- 02 Roof / site drawings and module data
- 03 Load, roof or geotechnical information
- 04 Required scope and target delivery date



WHAT WE DEVELOP

- 01 Suitable system and layout proposal
- 02 Engineering scope and technical drawings
- 03 Bill of materials and installation guidance
- 04 Commercial quotation and agreed schedule

Start with one live project or RFQ.

Our team will define the next steps.





ONENESS
Solar Mounting Systems

**Let's build your
next solar project!**

Precision In Every Mount!

**START THE
CONVERSATION**

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