

INSTALLATION MANUAL

Balcony Mounting System

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Quality tested – several certifications

WOCHN Systems stands for secure connections, highest quality and precision. Our customers and business partners have known that for a long time. Independent institutes have tested, confirmed and certified our capabilities and components

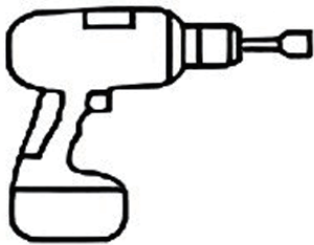
Please find our quality and product certificates under:

<https://www.wochnmounting.com/>

Disclaimer

This manual describes the proper installation procedures and provides minimum standard required for product reliability and warranty. Thoroughly understanding this manual is imperative to proper installation. As a result of our continued aim for improvement, certain details of the product may deviate from what is described in this manual. Because of this, these instructions only serve as a guideline for the installation of the product described in this manual.

- The equipment may only be installed and operated by qualified and adequately trained installers.
- Prior to installation, ensure that the product complies with on-site static loading requirements.
- For roof-mounted systems, the roof load-bearing capacity must always be checked.
- National and local building regulations and environmental requirements must be adhered to.
- Equipotential bonding/grounding/earthing between individual parts is to be performed according to country specific standards, as well as national laws and regulations.
- Compliance with health and safety regulations, accident prevention guidelines and applicable standards is required.
- Protective equipment such as safety helmet, boots and gloves must be worn.
- Roofing works must be in accordance with roofing regulations utilising fall protection safeguards when eaves height exceeds 3m.
- At least two people must be present for the duration of the installation work in order to provide rapid assistance in the event of an emergency
- At least one copy of the assembly instructions should be available on site throughout the duration of the installation.
- Failure to adhere to our general safety and assembly instructions and not using all system components,
- WOCHN is not liable for any resulting defects or damages. We do not accept liability for any damage resulting in the use of competitor's parts. Warranty is excluded in such cases
- Dismantling of the system is performed in reverse order to the assembly
- The manual provides guidelines for installation, but it does not guarantee the quality of installation work. Please complete the installation in a responsible and professional manner



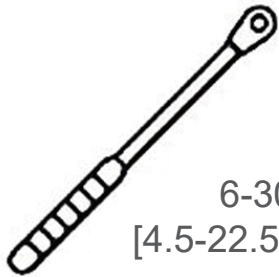
6mm



15mm



20/40



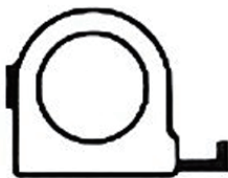
6-30Nm
[4.5-22.5lb-ft]



6mm



15mm



≥.3.0mm



≥.6.0mm

Torque Values

Hook fixed with panel: 10 N · m

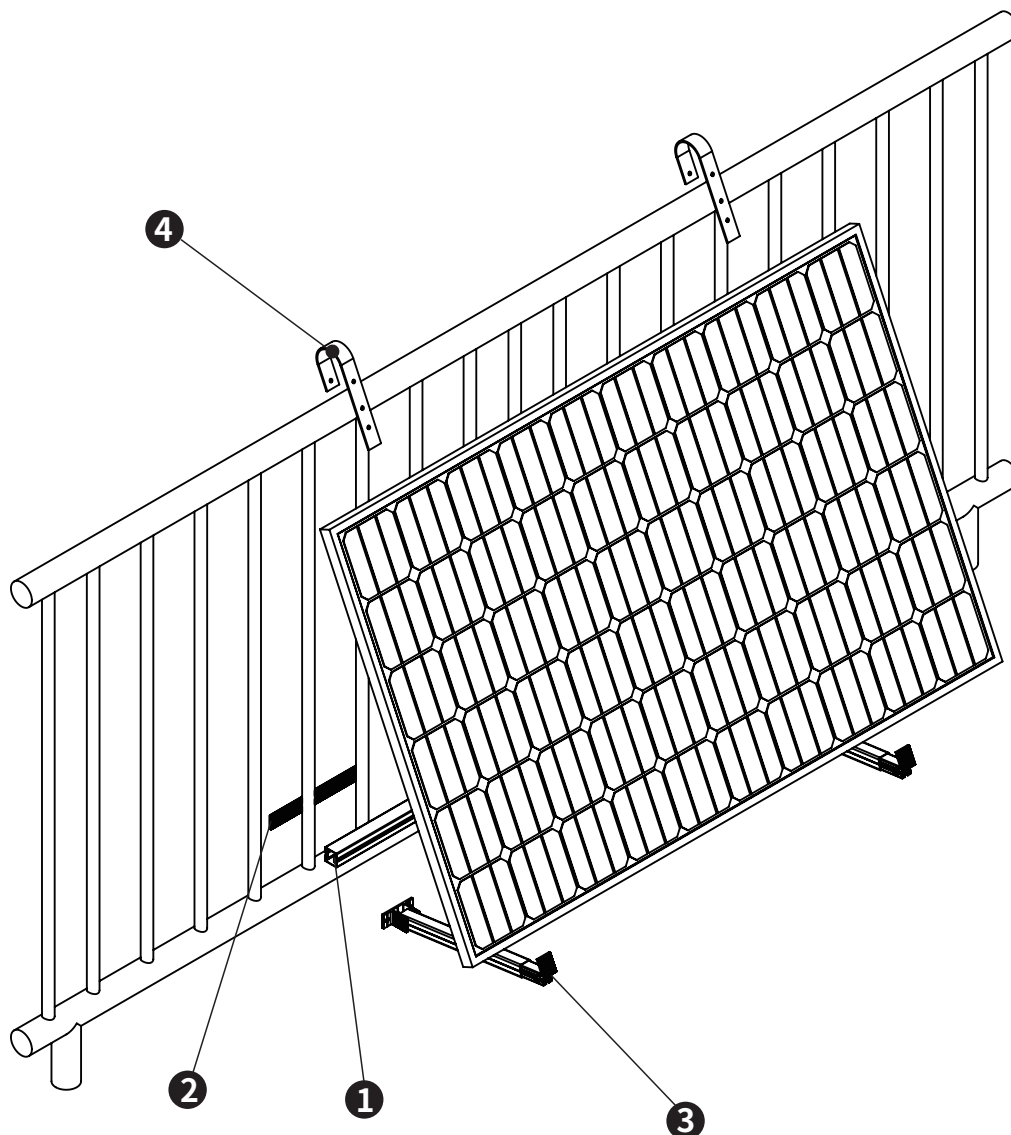
Adjustable leg fixed with panel: 10 N · m

Rotating card fixed with guide rail: 12 N · m

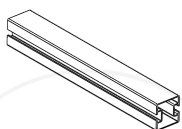
End clamp fixed with panel and rail: 10 N · m

Grounding lug fixed with rail: 8 N · m

1. PARTS OVERVIE



2. Components



1. WOCHN Back Balcony Support Kit: J29 Rail



2. WOCHN Back Balcony Support Kit: J529 fix kit

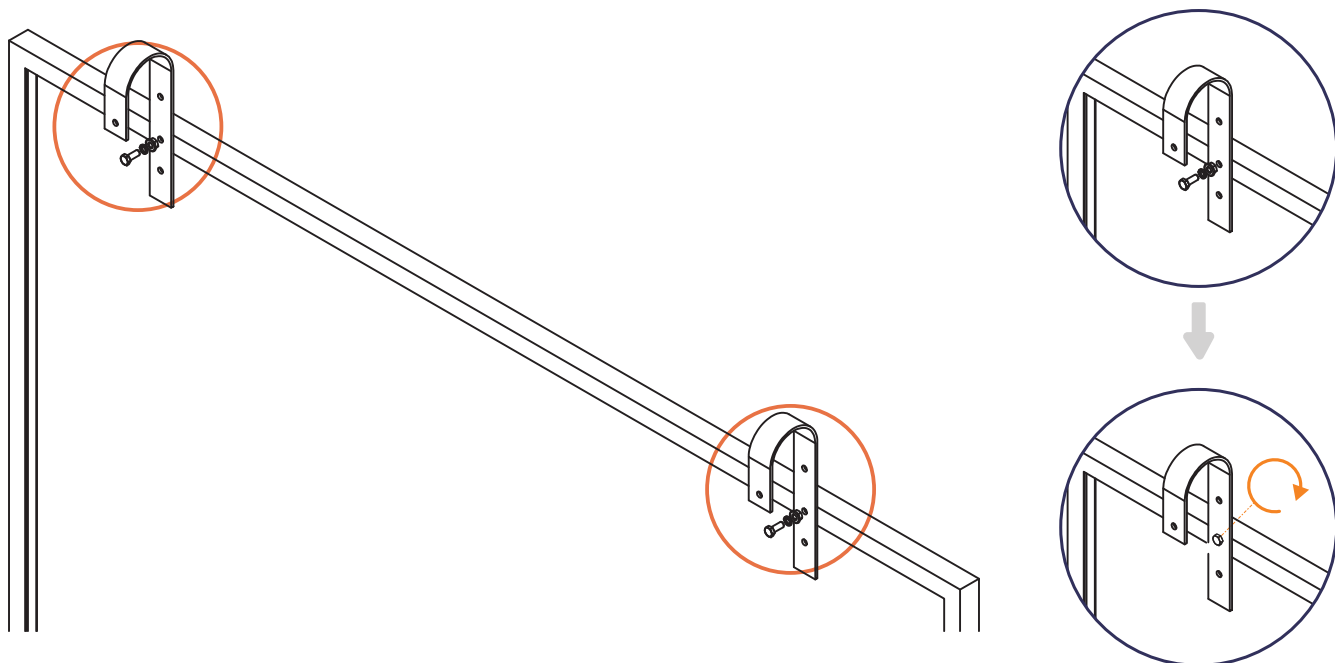


3. WOCHN Balcony Adjustable Leg: 25~40°



4. WOCHN Balcony Mount Hook

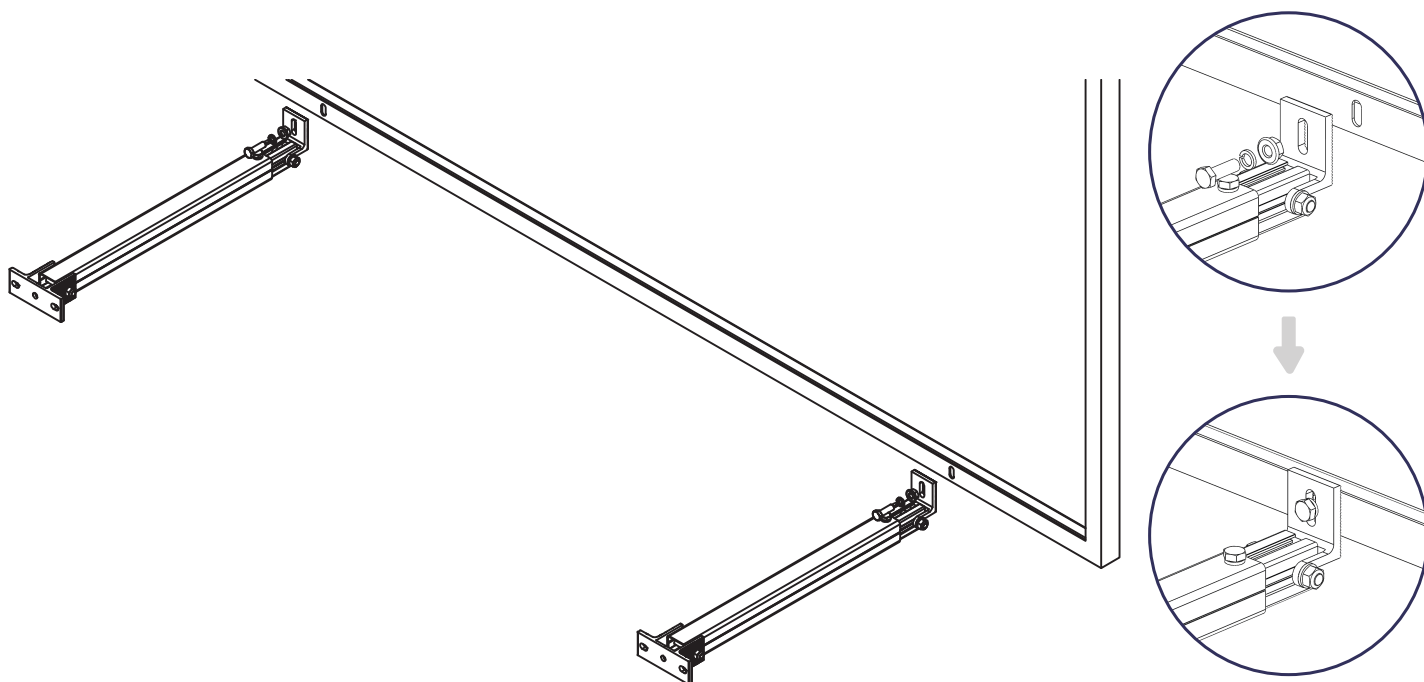
1. Fix the Hook on the Panel:



Use the electric drill and M8 hexagon socket drill bit to securely install the hook on the panel.

⚠ Notice: Set the torque value to $10\text{N} \cdot \text{m}$.

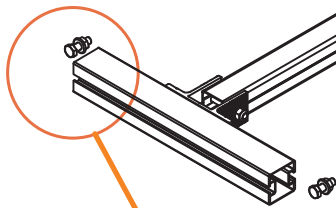
2. Fix the Adjustable Leg on the Panel



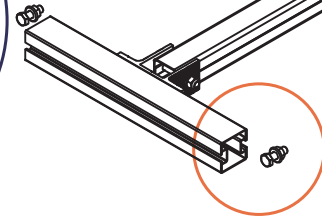
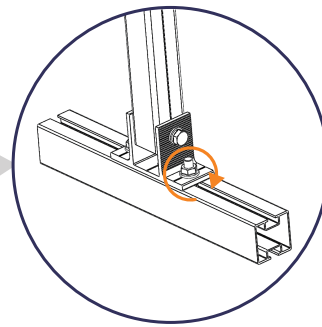
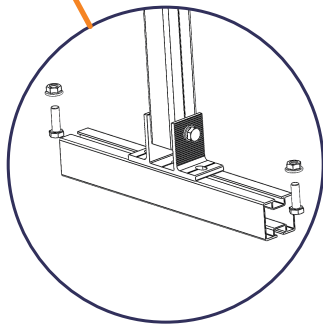
Secure the adjustable leg to the panel.

⚠ Notice: Set the torque value to $10\text{N} \cdot \text{m}$.

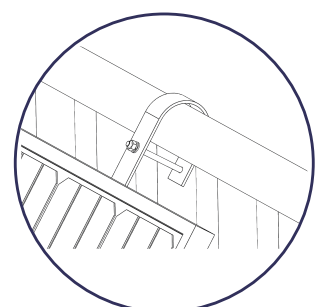
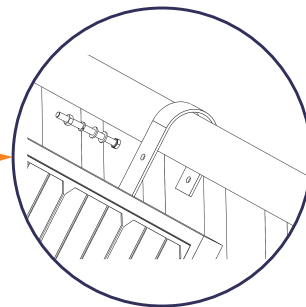
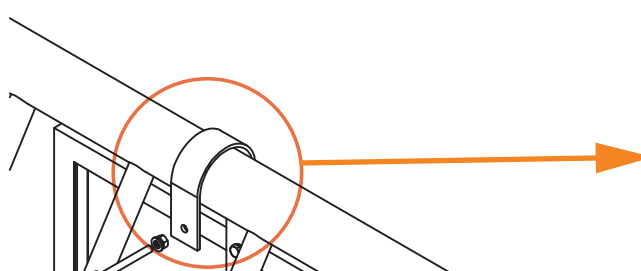
3. Fix the J26 Rail on the Bottom of the Adjustable Leg



Attach the J26 rail to the bottom of the adjustable leg using the electric drill and appropriate tools.

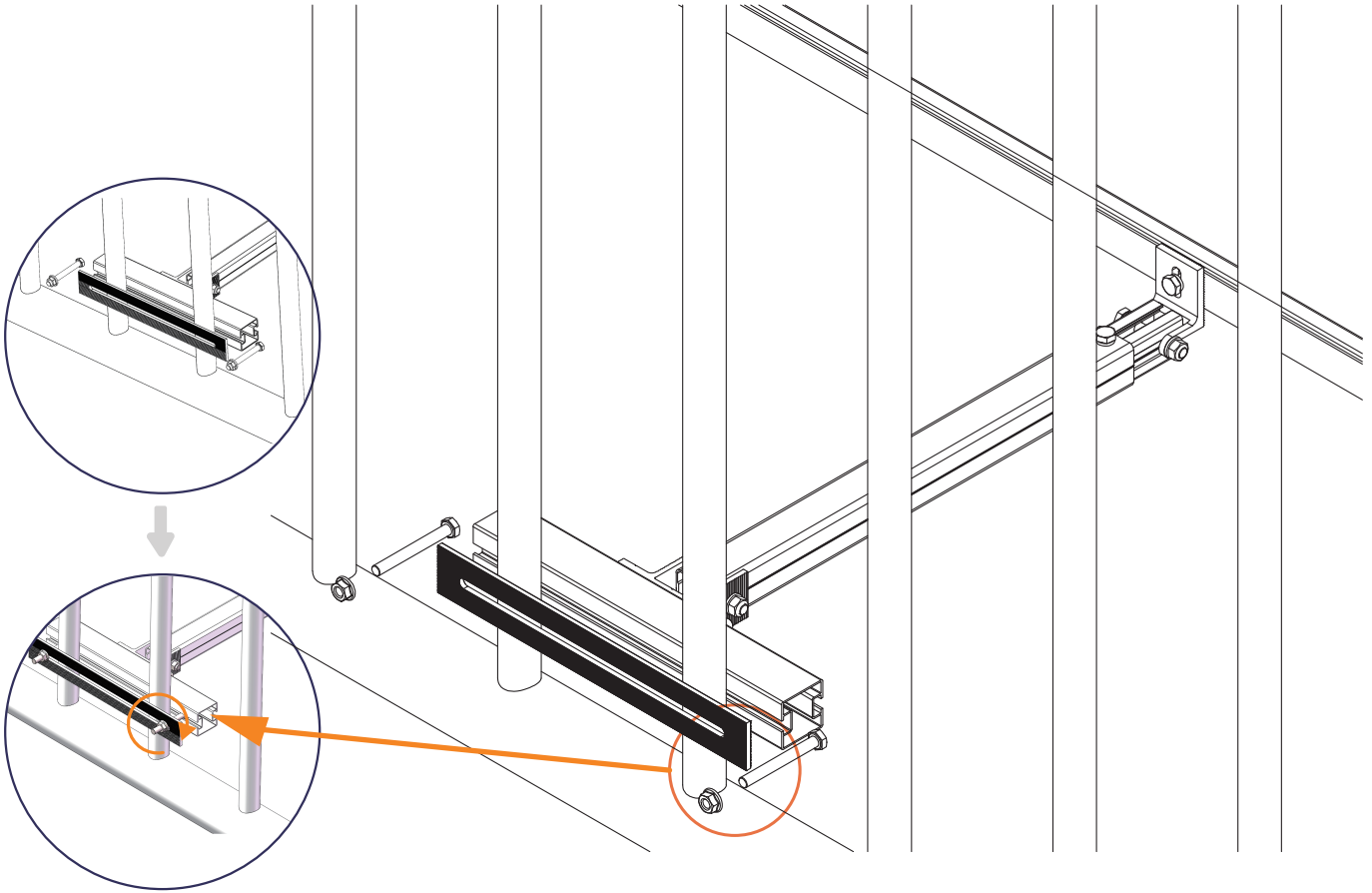


4. Fix the Hook on the Balcony



Install the hook, previously fixed to the panel, onto the designated spot on the balcony.

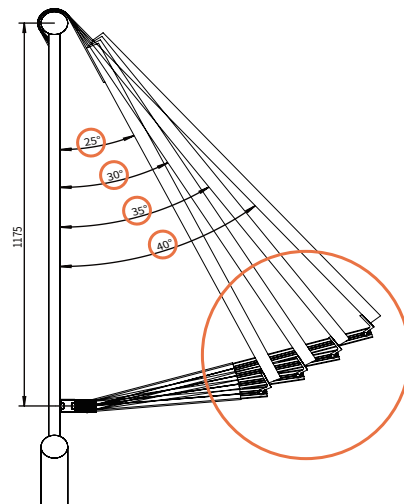
5. Fix the J26# Rail and J529# Fix Kit on the Balcony:



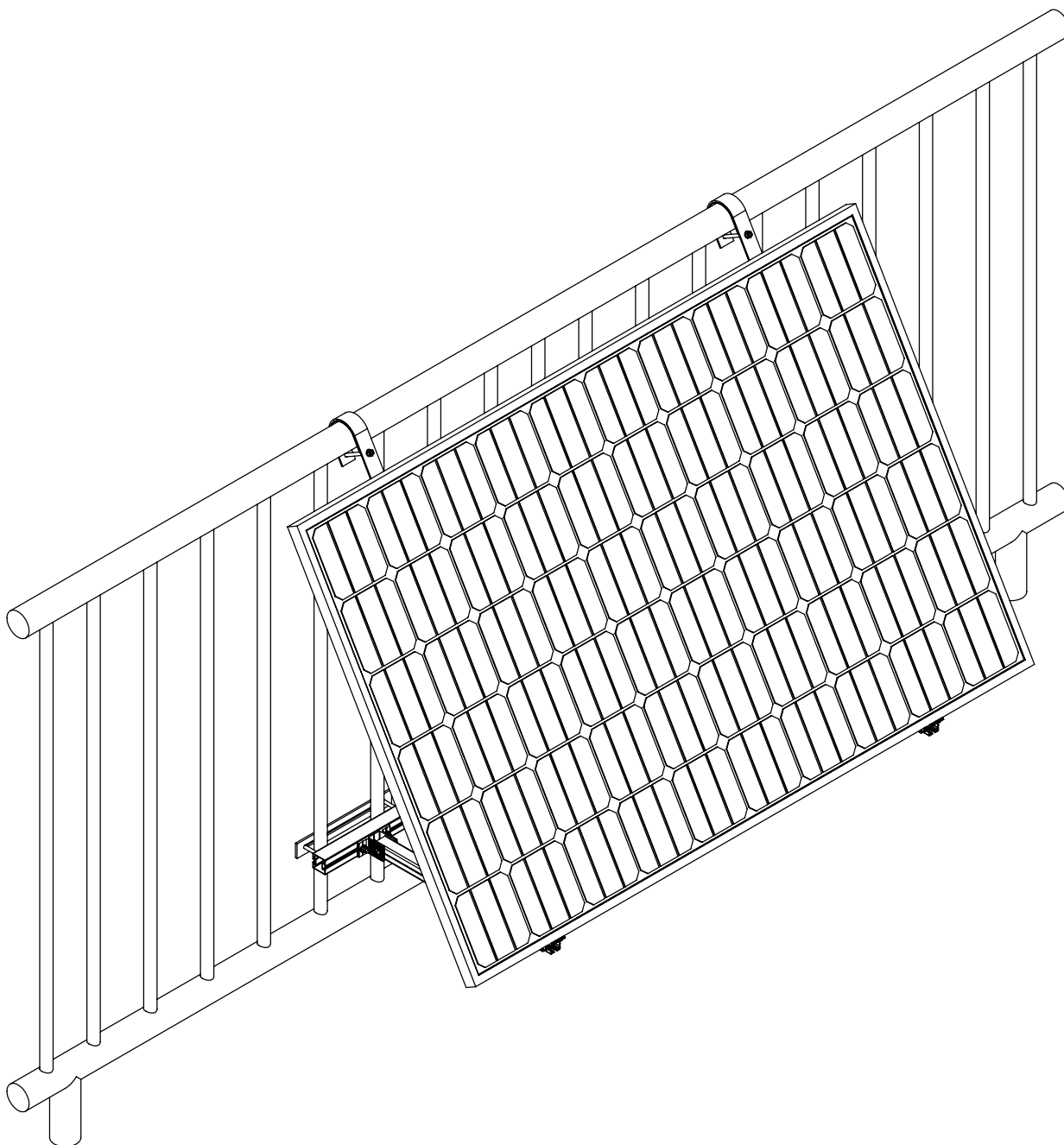
As shown in Picture 1, ensure the J26# rail is positioned 1175mm from the top of the balcony. Follow Pictures 2 and 3 to secure the J26# rail and J529# fix kit in place.

6. Adjust the Angle of the Panel as Needed:

Adjust the length of the inner tube to set the desired tilt angle of the panel. This allows for an adjustment range of 25~40°.



7.Final Installation Check



Ensure all components are securely fastened. Verify that the balcony bracket system is installed correctly, achieving the required angle and position.