

EMPOWERING OUR WORLD
WITH CLEAN ENERGY



INSTALLATION MANUAL INSTALLATIONSHANDBUCH

Ballast system in east and west direction
Ballastsystem in ost- und westrichtung

SC01-BLT-S01-2x2-0001

Recommended Installation Torque for Bolts: • M8: 12–15 N·m
Empfohlenes Anzugsmoment für Schrauben: • M8: 12–15 N·m

Notes:

1. Panel width is 996-1303mm
2. Panel length is recommended to be ≤ 1800 mm (larger than this size can be installed, but it may bend due to the large span, so please consult the corresponding panel supplier to see if it is allowed)

Bemerkung:

1. Anpassung der Plattenbreite: 996–1303 mm
2. Die empfohlene Plattenlänge beträgt ≤ 1800 mm (eine größere Platte als diese Größe kann installiert werden, aber die Platte selbst kann sich aufgrund der großen Spannweite verbiegen. Bitte wenden Sie sich an den entsprechenden Plattenlieferanten, um zu erfahren, ob dies zulässig ist.)

1. Locate rail position

1. Schienenposition festlegen

1.1 Install EPDM rubber onto the rail

1.1 EPDM-Gummi auf der Schiene anbringen



1.2 Locate the rail position as the drawing shows, and mark the rail position after placing it

1.2 Schienenposition gemäß der Zeichnung festlegen und nach dem Platzieren markieren

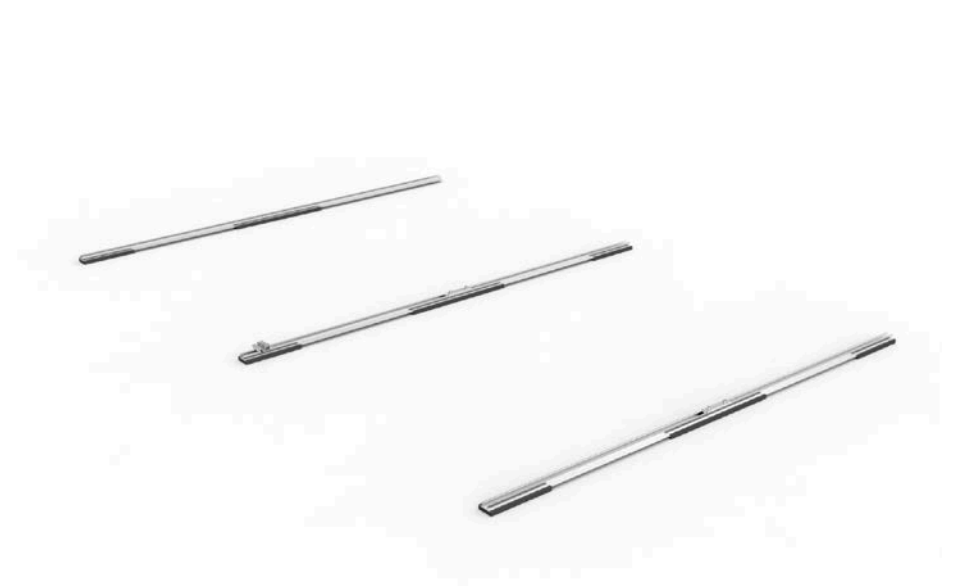
1.3 Connect the remaining rails through rail connector and place them according to the location in the drawing, then tighten the bolts

1.3 Die restlichen Schienen mit einem Schienenverbinder verbinden und gemäß der Zeichnung platzieren, Schrauben anschließend festziehen



1.4 As shown in the picture after installation

1.4 Wie im Bild nach der Installation gezeigt



2. Install front/rear leg

2. Vordere/hintere Stütze installieren

2.1 Place the front leg as the drawing shows, fix the front leg with M8*25 bolts and clamps, then adjust and lock the corresponding bolts

2.1 Vordere Stütze gemäß der Zeichnung platzieren, mit M8*25-Schrauben und Klammern fixieren, dann die entsprechenden Schrauben anziehen und sichern



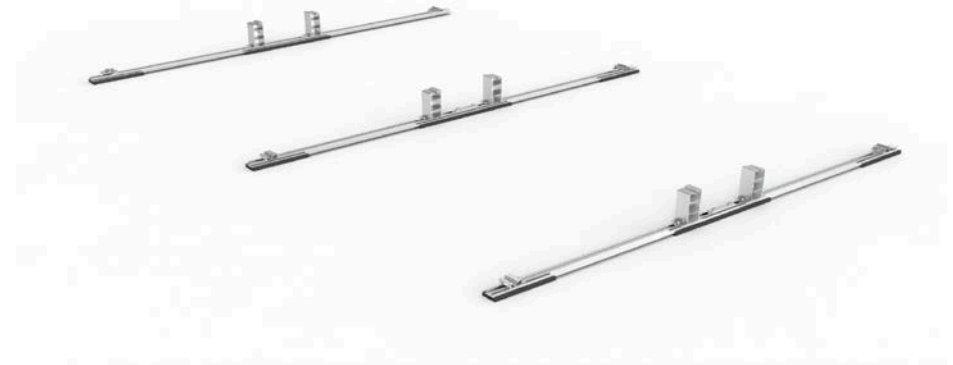
2.2 Place the rear leg as the drawing shows, fix the rear leg with M8*25 bolts and clamps, then adjust and lock the corresponding bolts

2.2 Hintere Stütze gemäß der Zeichnung platzieren, mit M8*25-Schrauben und Klammern fixieren, dann die entsprechenden Schrauben anziehen und sichern



2.3 Repeat the above steps to install all front and rear legs, making sure that the top surface of the front/rear legs in the same row are at the same height to ensure the normal installation of panels

2.3 Die obigen Schritte wiederholen, um alle vorderen und hinteren Stützen zu installieren, dabei sicherstellen, dass die obere Fläche der Stützen in derselben Reihe auf gleicher Höhe ist, um die ordnungsgemäße Installation der Paneele zu gewährleisten

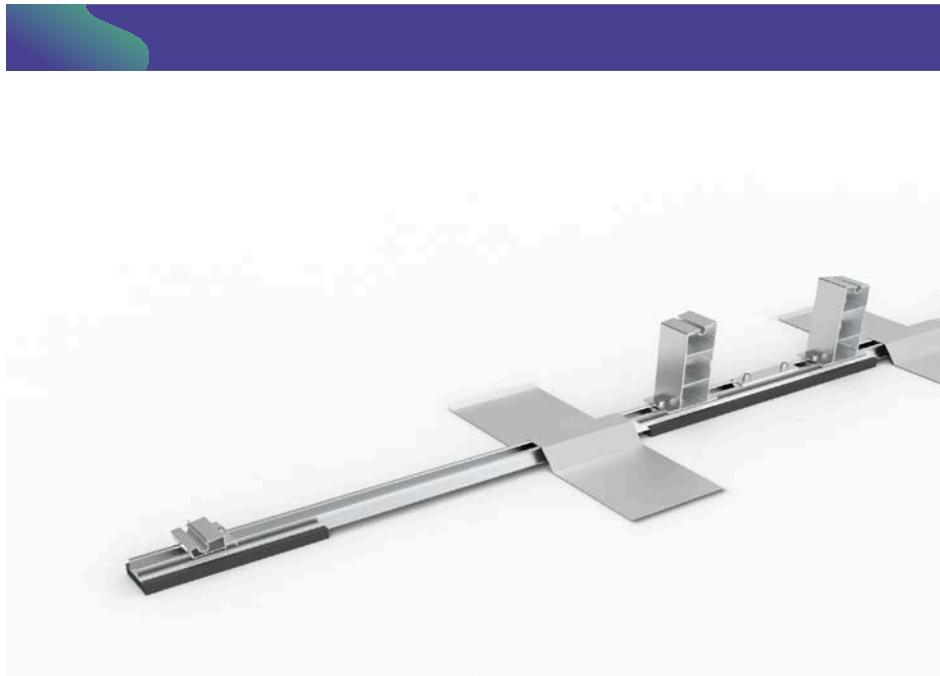


3. Install ballast

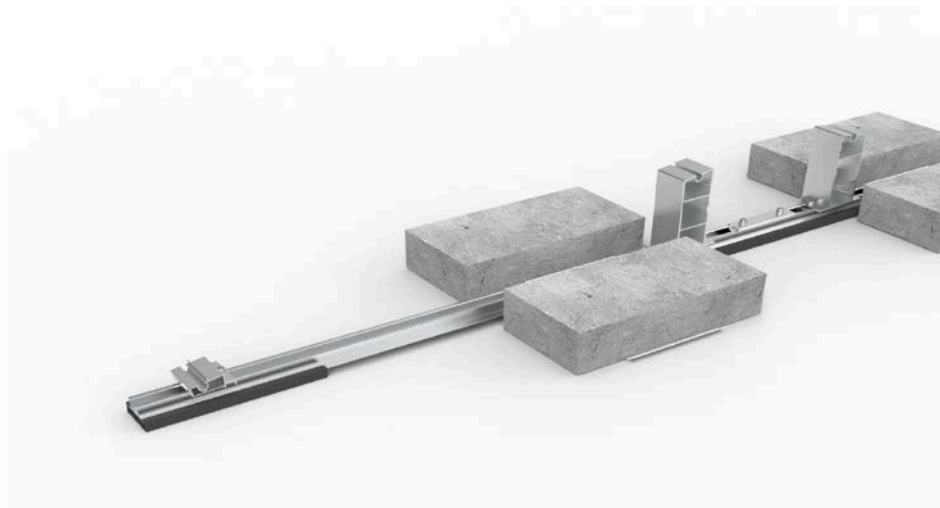
3. Ballast installieren

3.1 Place the ballast plate on the rail as the drawing shows

3.1 Ballastplatte gemäß der Zeichnung auf der Schiene platzieren



3.2 Place the ballast on the ballast plate
 3.2 Ballast auf der Ballastplatte platzieren



3.3 Repeat the above steps to complete the ballast placement
 3.3 Die obigen Schritte wiederholen, um die Ballastplatzierung abzuschließen

4. Install panel

4. Panel installieren

4.1 Place the panel on the front leg slot and the slope of the rear leg
 4.1 Das Panel in den Schlitten der vorderen Stütze und den Neigungswinkel der hinteren Stütze einsetzen





4.2 Bottom clamp installation: press the bottom clamp into the card slot as the picture shows, lock the bolt, and press the panel tightly

4.2 Unterstützklammer installieren: Die Unterstützklammer wie im Bild gezeigt in den Kartenschlitz drücken, die Schraube anziehen und das Panel fest drücken



4.3 End clamp installation: press the end clamp into the card slot as the picture shows, lock the bolt, and press the panel tightly

4.3 Endklammer installieren: Die Endklammer wie im Bild gezeigt in den Kartenschlitz drücken, die Schraube anziehen und das Panel fest drücken



4.4 Inter clamp installation: place the panels in sequence according to the drawing as the picture shows, and place an inter clamp between two panels, then tighten the bolts

4.4 Zwischenklammer installieren: Die Panels gemäß der Zeichnung in Reihenfolge platzieren, eine Zwischenklammer zwischen zwei Panels setzen und dann die Schrauben anziehen



4.5 The remaining end clamp installation: place the panels in sequence according to the drawing as the picture shows, on the other side of the same row of panels, repeat steps 4.2/4.3

4.5 Restliche Endklammer installieren: Die Panels gemäß der Zeichnung in Reihenfolge auf der anderen Seite derselben Panelreihe platzieren und die Schritte 4.2/4.3 wiederholen



5. Complete installation

5. Installation abschließen



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Purchasers should confirm whether they are able to install this product and obtain relevant permits in accordance with local laws and regulations, including but not limited to government, community, adjacent property owners, and property rights holders.

Purchasers should engage qualified installers, professionals, or self-install only where permitted by law.

Purchasers should also ensure that the installation supports the building or its accessories safely and meets installation requirements, and is sufficient to support the product and its photovoltaic power generation system for over 20 years.

Purchasers should not install or use this product in environments with corrosive air or water, such as acids or alkalis in the vicinity.

Purchasers should fully assess and bear the consequences of product installation and usage and their impact on the surroundings, including but not limited to potential lightning strikes, electrical or magnetic conduction, light reflection/pollution, obstruction of passage, collision with people, snow accumulation and ice shedding, depreciation of buildings, and their consequences.

Purchasers are solely responsible for safety during installation, throughout the installation process, and subsequent usage, and/or any impact on third parties.

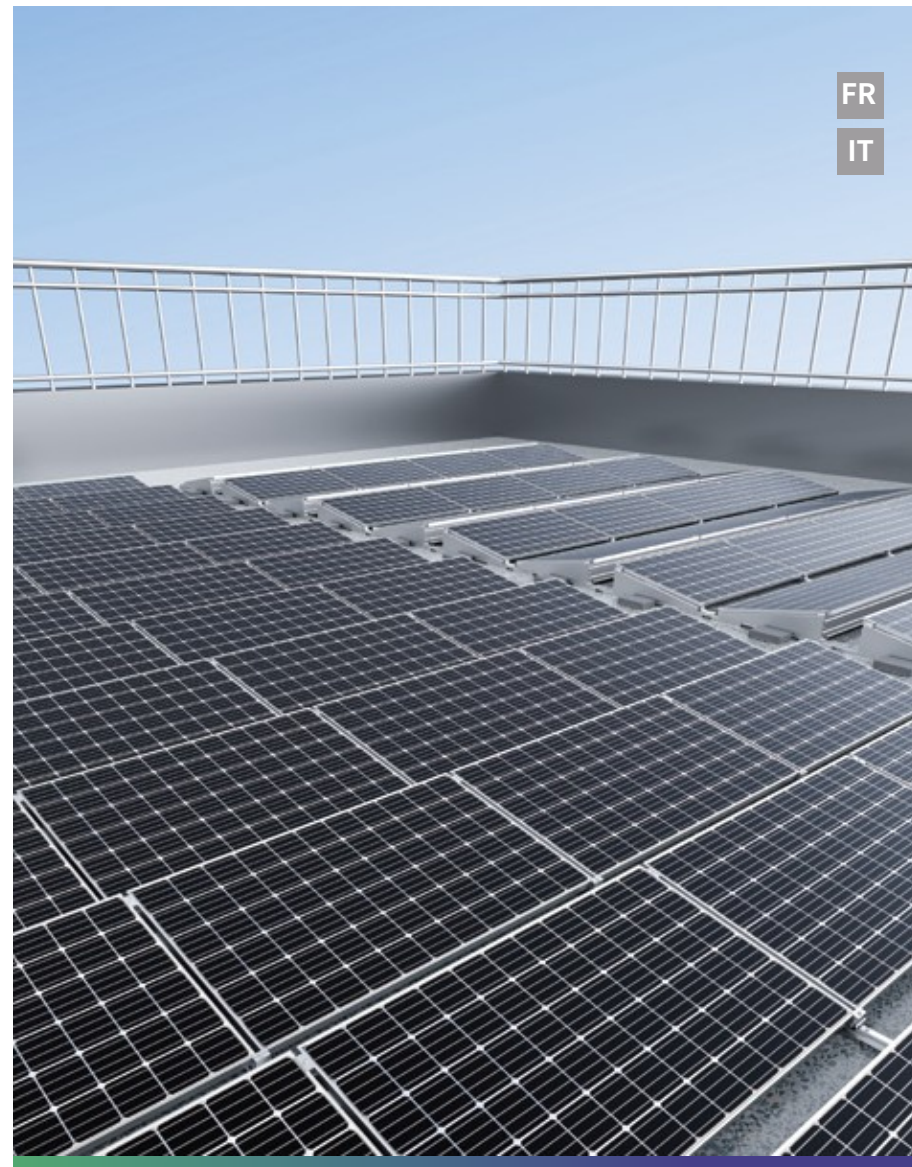
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Purchasers should be aware that nothing other than the photovoltaic power generation system should be supported on this product, and no additional weight should be placed on the product during installation or subsequent usage, particularly human suspension or leaning. It should not be used for any purpose other than supporting photovoltaic brackets. Purchasers should be aware that nothing other than the photovoltaic power generation battery system should be supported on this product, and no additional weight should be placed on the product during installation or subsequent usage,

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We shall not be liable for any consequences resulting from failure to comply with local legal requirements and/or failure to follow instructions, warnings, etc., during the installation of this product, nor shall we be liable for any losses to the supporting building or any third party resulting from the installation process or subsequent usage, nor shall we be liable for any multiple installations, disassembly and reuse, or second-hand purchases of this product.

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INSTALLATION MANUEL MANUALE DI INSTALLAZIONE

Système de ballast en direction est-ouest
Sistema di zavorra orientato est-ovest

SC01-BLT-S01-2x2-0001

Couple de serrage recommandé pour les boulons : • M8: 12–15 N·m

Coppia di serraggio consigliata per le viti: • M8: 12–15 N·m

Notes:

1. Largeur du panneau : 996–1303 mm
2. Longueur du panneau recommandée : ≤ 1800 mm (les panneaux plus longs peuvent être installés, mais ils risquent de se plier en raison de leur grande portée. Veuillez donc consulter le fournisseur de panneaux correspondant pour savoir si cela est autorisé.)

Nota:

1. Adattamento della larghezza del modulo: 996–1303 mm
2. La lunghezza consigliata del modulo è ≤ 1800 mm (è possibile installare moduli di dimensioni superiori, tuttavia il modulo stesso potrebbe flettersi a causa dell'elevata campata. Si prega di consultare il relativo fornitore del modulo per verificare se ciò sia consentito).

1. Positionner le rail

1. Definizione della posizione delle guide

1.1 Installez le caoutchouc EPDM sur le rail

1.1 Installare la gomma EPDM sulla guida

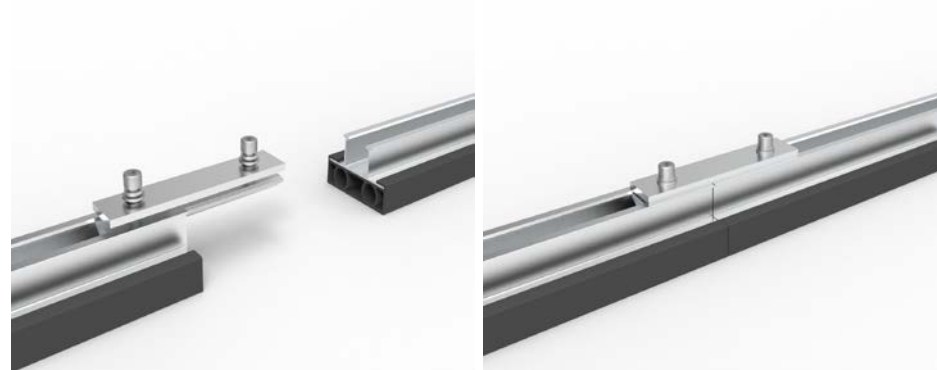


1.2 Posez le rail comme indiqué sur l'image, puis marquez sa position après l'avoir placé.

1.2 Posizionare la guida come mostrato nel disegno e segnare la posizione della guida dopo averla sistemata.

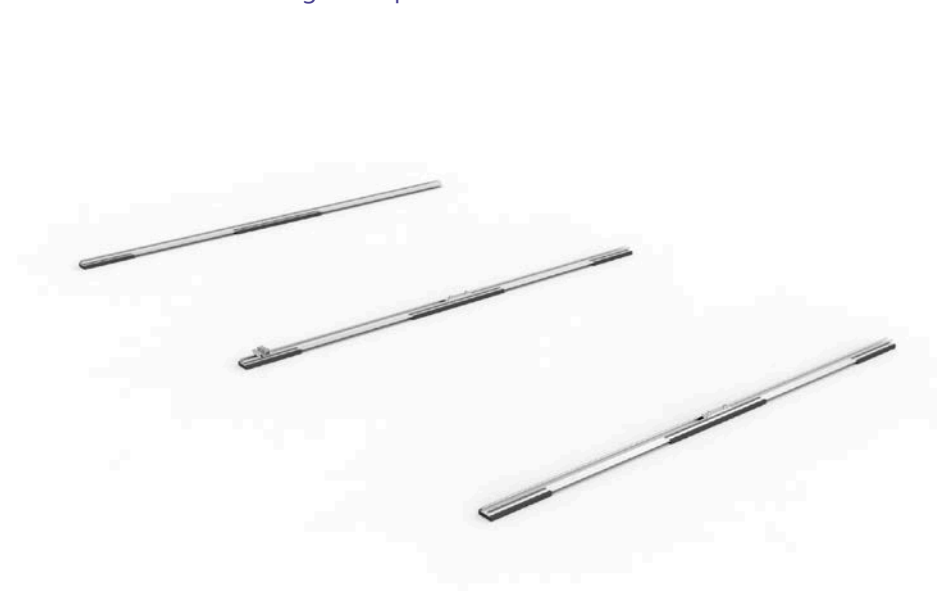
1.3 Reliez les rails restants à l'aide des connecteurs de rails et les positionnez conformément à l'emplacement indiqué sur l'image, puis serrez les boulons.

1.3 Collegare le guide rimanenti tramite il connettore per guide e posizionarle secondo quanto indicato nel disegno, poi serrare i



1.4 Comme indiqué sur l'image après l'installation

1.4 Come mostrato in figura dopo l'installazione

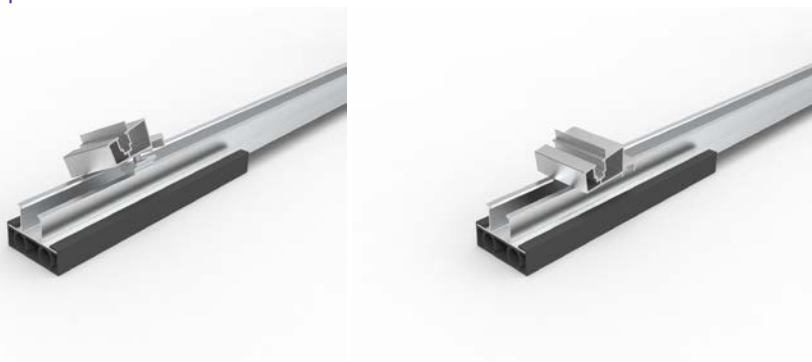


2. Installer le pied avant/arrière

2. Installazione della gamba anteriore/posteriore

2.1 Posez le pied avant comme indiqué sur l'image, fixez-le avec des boulons M8*25 et des pinces, puis ajustez et serrez les boulons correspondants.

2.1 Posizionare la gamba anteriore come mostrato nel disegno, fissarla con bulloni M8*25 e morsetti, poi regolare e bloccare i bulloni corrispondenti.



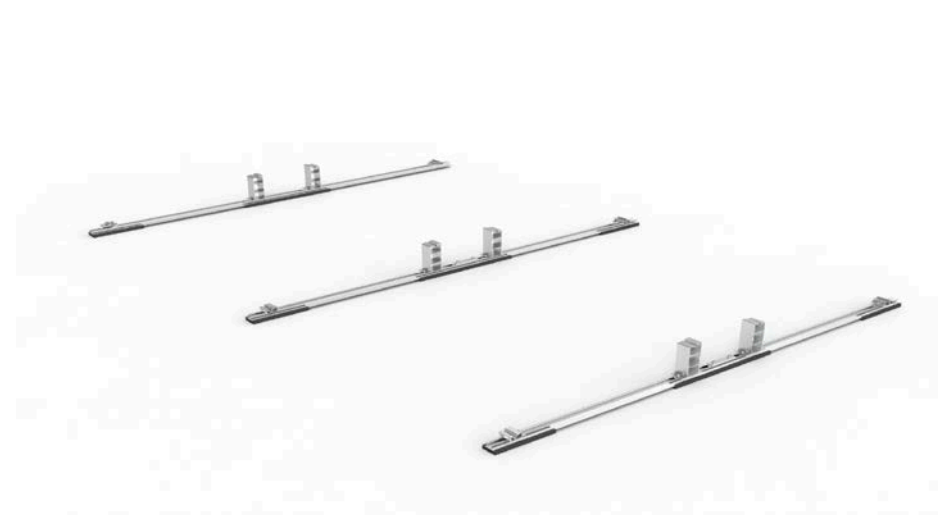
2.2 Posez le pied arrière comme indiqué sur l'image, la fixez avec des boulons M8*25 et des pinces, puis ajustez et serrez les boulons correspondants.

2.2 Posizionare la gamba posteriore come mostrato nel disegno, fissarla con bulloni M8*25 e morsetti, poi regolare e bloccare i bulloni corrispondenti.



2.3 Répétez les étapes ci-dessus pour installer tous les pieds avant et arrière. Assurez-vous que la surface supérieure des pieds avant/arrière sur la même rangée soit à la même hauteur, afin de garantir l'installation normale des panneaux.

2.3 Ripetere i passaggi precedenti per installare tutte le gambe anteriori e posteriori, assicurandosi che la superficie superiore delle gambe anteriori/posteriori nella stessa fila sia alla stessa altezza, in modo da garantire una corretta installazione dei pannelli.

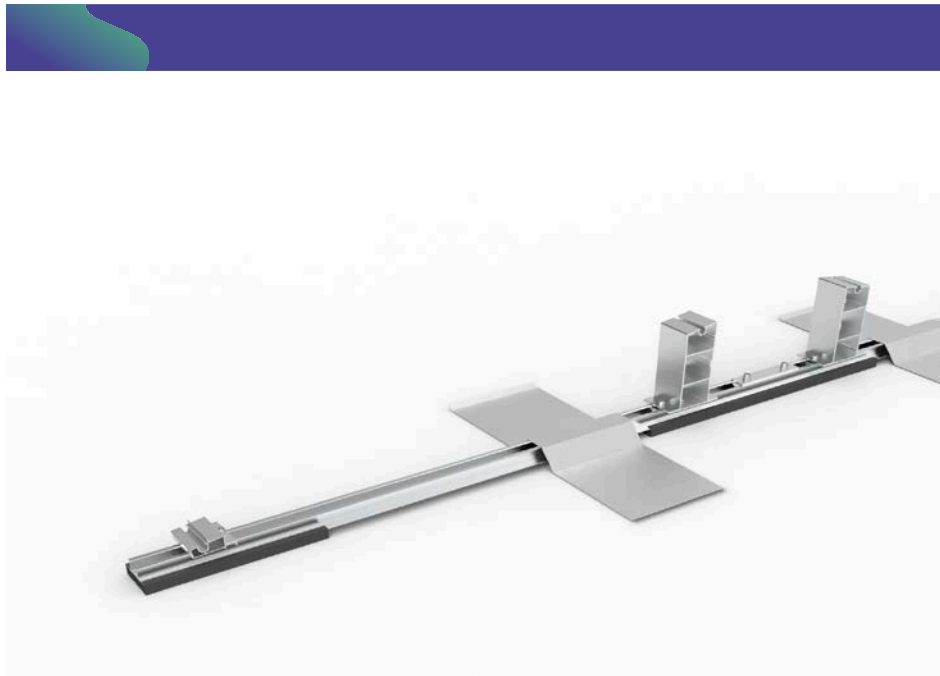


3. Installer le ballast

3. Montaggio della zavorra

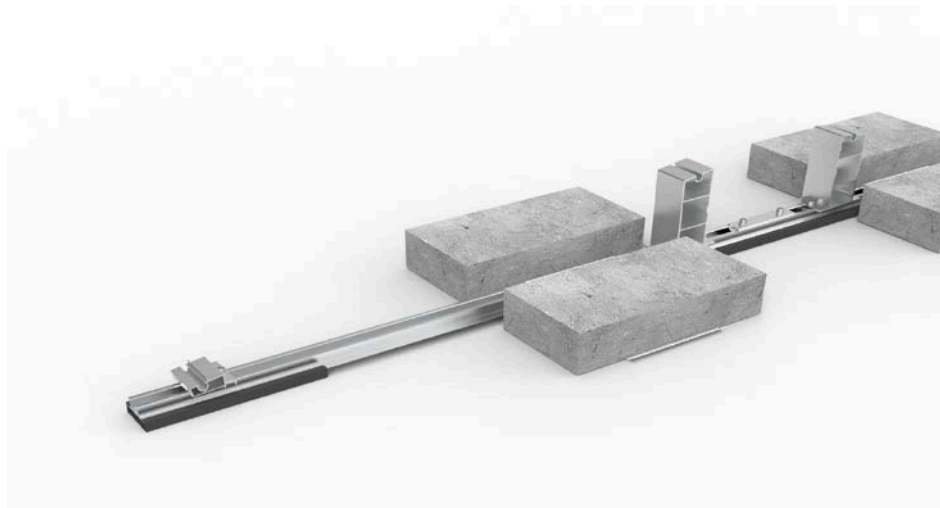
3.1 Posez la plaque de ballast sur le rail comme indiqué sur l'image.

3.1 Posizionare la piastra di zavorra sulla guida come mostrato nel disegno.



3.2 Posez le ballast sur la plaque de ballast.

3.2 Posizionare la zavorra sulla piastra.



3.3 Répétez les étapes ci-dessus pour terminer la mise en place du ballast.

3.3 Ripetere i passaggi precedenti fino a completare il montaggio della zavorra.

4. Installer le panneau

4. Installazione del pannello

4.1 Posez le panneau dans la encoche du pied avant et sur la pente du pied arrière.

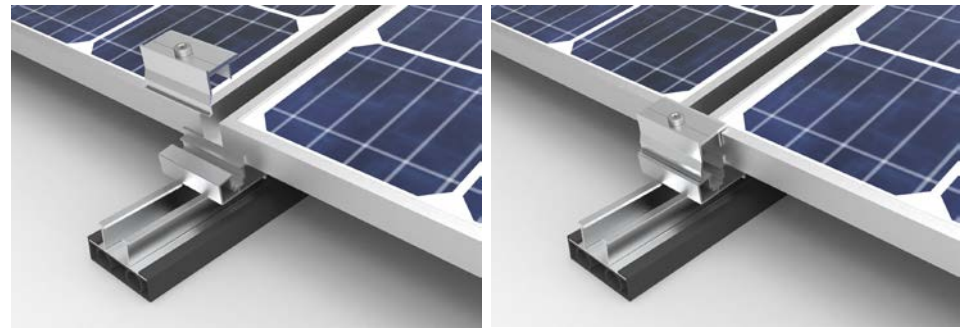
4.1 Posizionare il pannello nella scanalatura della gamba anteriore e sul piano inclinato della gamba posteriore.





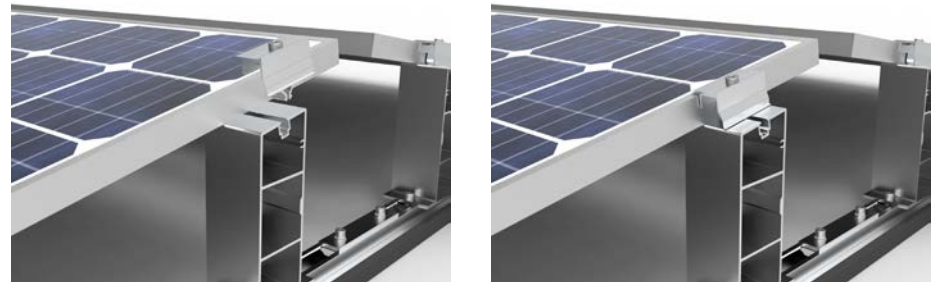
4.2 Installation de la pince inférieure : enfoncez la pince d'extrémité dans la fente comme indiqué sur l'image, serrez le boulon et appuyez fermement sur le panneau.

4.2 Installazione del morsetto inferiore: premere il morsetto inferiore nello slot come mostrato in figura, serrare il bullone e premere saldamente il pannello.



4.3 Installation de la pince supérieur : enfoncez la pince d'extrémité dans la fente comme indiqué sur l'image, serrez le boulon et appuyez fermement sur le panneau.

4.3 Installazione del morsetto terminale: premere il morsetto terminale nello slot come mostrato in figura, serrare il bullone e premere saldamente il pannello.



- 4.4 Installation de la pince intermédiaire : installez les panneaux successivement comme indiqué sur l'image, posez la pince intermédiaire entre deux panneaux, puis serrez les boulons.
- 4.4 Installazione del morsetto intermedio: posizionare i pannelli in sequenza secondo il disegno come mostrato in figura, inserire un morsetto intermedio tra due pannelli e quindi serrare i bulloni.



- 4.5 Installation des pinces d'extrémité restantes : installez les panneaux successivement comme indiqué sur l'image. Sur l'autre côté de la même rangée de panneaux, répétez les étapes 4.2 et 4.3.
- 4.5 Installazione dei rimanenti morsetti terminali: posizionare i pannelli in sequenza secondo il disegno come mostrato in figura, sul lato opposto della stessa fila di pannelli, e ripetere i passaggi 4.2/4.3.



5. Installation terminée

5. Installazione completata



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