



Installation Manual

Step 1 Balcony bracket installation

1. Installation tools



Allen wrench

(M8-M12)



Tape



Twist Wrench

(M8-M12)



Wood Hammer



Electric Screw Machine



13mm Spanner

2. System components

(Accessories are subject to the actual product)

x 2



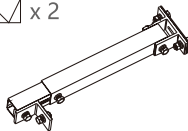
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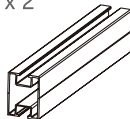
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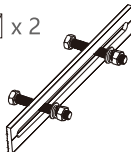
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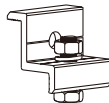
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x 2



x 2



Product specification

 260mm Al 6005-T5 AlMgSi0.5	 275mm Al 6005-T5 AlMgSi0.5	 300mm Al 6005-T5 AlMgSi0.5	 38mm SUS304 1.4301
 35mm Al 6005-T5 & EPDM	 35mm Al 6005-T5 AlMgSi0.5	 40mm Al 6005-T5	
 30mm Al 6005-T5 AlMgSi0.5	 220mm Al 6005-T5 AlMgSi0.5	 M8*20 SUS304 1.4301	 M8*25 SUS304 1.4301
 M8*55 SUS304 1.4301	 M8*60 SUS304 1.4301	 M8*90 SUS304 1.4301	

3.Application scenarios



4.Installation Instruction

4.1 Fixed on balcony with adjustable tilt between 15°-30°

4.1.1 Balcony Hook installation: Hooks are attached via bolts and holes in the panel frame



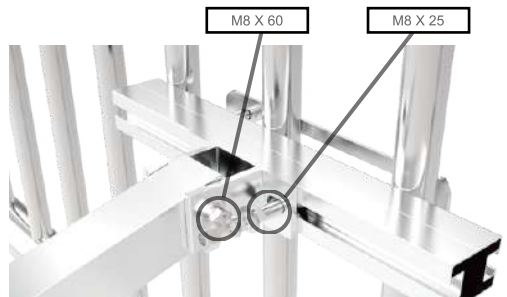
4.12 The hook and railing connection: the hook hangs on the balcony railing, through the bolt to prevent it from falling out;



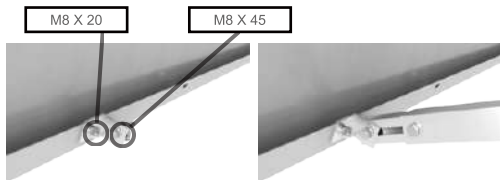
4.13 Rail installation: The bolt head snaps into the groove of the rail, the aluminum plate is on the other side of the railing, and the bolt is locked as shown in the picture;



4.14 Installation of telescopic rod: The telescopic rod is pre-installed at the factory, and the base is also locked on the rail with M8 bolts;



4.15 L foot installation and connection: The L foot is locked on the other side of the panel frame with bolts, and then connected with the telescopic rod with bolts;



4.16 According to the required angle, adjust the position of the telescopic rod and then lock the bolt, and the installation is completed;



4.2 Balcony hook without angle solution

4.21 The hooks and rails are attached to the railing in the same way as the angled ones, removing the adjustable feet and L connectors. Press the panel directly on the guide rail with end clamps, as shown in the picture below. The M8 bolt head is snapped into the slot, and the nut is locked.



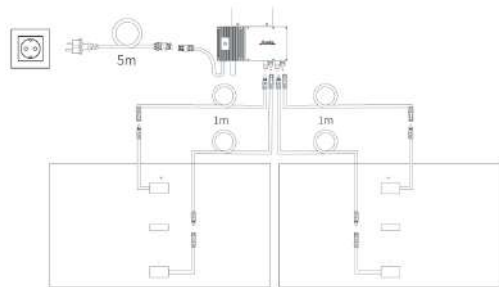
4.22 The installation is completed



Step 2 Inverter installation



Attaching the inverter to the railing using stainless steel ties



- 1 Connect one end of the DC cable to the PV panel first.
 - 2 The other end of the DC cable is connected to the inverter.
 - 3 Snap the AC cable to the inverter, But don't connect on the grid side yet.
- This step must be done while there is enough sunlight for the solar panel to provide power to the microinverter.**



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