



**BK108 X-Large Bracket
Assembly and Mounting Instructions**
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Instructions

The BK108 X-Large Bracket is an adjustable bracket designed to support the P150 and one or two P117 and P120. Properly follow these instructions to ensure a secure installation.

Suggested Tools and Parts Required

- 🔩 M6 Allen Key (Metric) or screw bit
- 🔩 Metric socket set or adjustable wrench
- 🔩 Steel straps or 2" diameter U-bolts
- 🔩 Phillips head screwdriver (for P120)

Bracket Parts

Primary

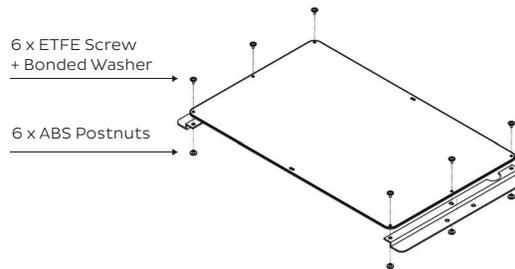
- 1 x Bracket Arm (CT122)
- 2 x Strut (CT123)
- 1 x Bracket Body (CT124)
- 2 x Spacer
- 10 x M6 Bolt and Nylon Lock Nut

Optional

- 2 x Optional Long Crossbar (CT125)
- 2 x Optional Short Crossbar (CT126)
- 6 or 12 x ETFE Screw + Bonded Washer
- 6 or 12 x ABS Postnuts
- 6 or 12 x Lockwasher

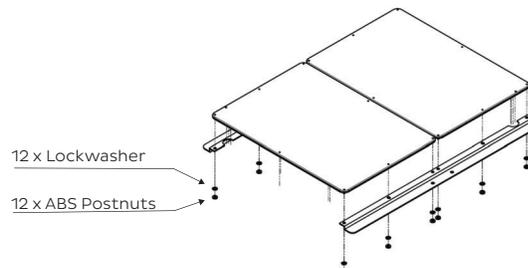
**Panel Option 1: Attach Single P120 to short crossbar
or 2 x P120 to long crossbar**

Use 6 x ETFE Screw + Bonded Washer and 6 x ABS postnut to secure the panel to crossbar.



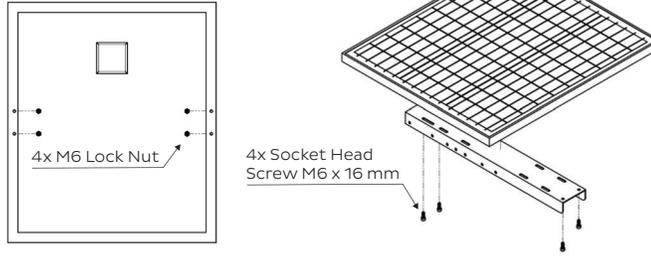
**Panel Option 2: Attach Single P117 to short crossbar
or 2 x P117 to long crossbar**

Use 12x ABS Postnut and 12x Lock Washer to connect P117 to Long Crossbar (Use 6x if connecting a single P117 to the Short Crossbar).



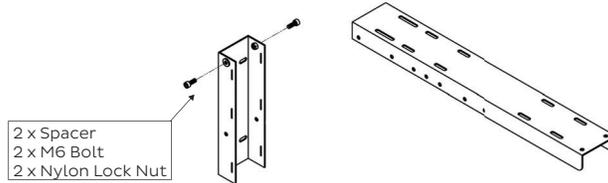
Panel Option 3: Attach Solar Panel to Bracket Arm

Use 4x M6 Bolt and Nylon Nut to attach P150 or the Short or Long Crossbar to the Bracket Arm.



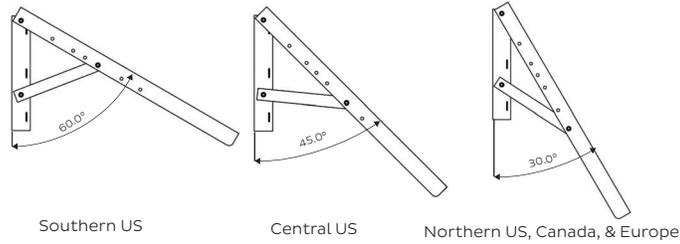
Attach Solar Bracket Arm to Body

Use 2 x M6 Bolt, Spacer and Nylon Locknut. Spacer should be placed in between Arm and Body. The “U” should face outwards toward the pole if pole diameter is 3” or more in diameter. For flat surfaces and smaller poles, the “U” should face inward.



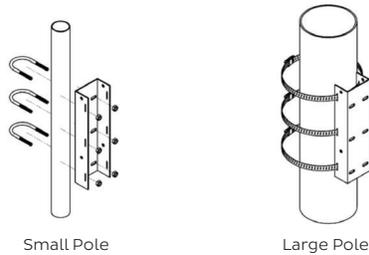
Attach Struts and Set Bracket Angle

Use 4 x M6 Bolt and Nylon Locknut to attach struts between Bracket Arm and Bracket Body. Angle can be adjusted to optimize for more Northern or Southern Locations.



Attach Bracket Body to Pole

Use Cable Straps or U-Bolts to attach Bracket Body to pole. Can also use screws to connect to a flat surface.



Attach All Components

Check all connections. Confirm all bolts and screws are securely fastened.

