



**Bull Clamps For First Solar S6, S6+ Modules**





## → Company Briefs

Dedicated Solar Hardware Platform Innovator.  
Contributing to our clients to deliver the "Safest. Sleekest. Simplest." Systems.  
Leading the solar industry Paradigm Shift from Panel Era to System Era!

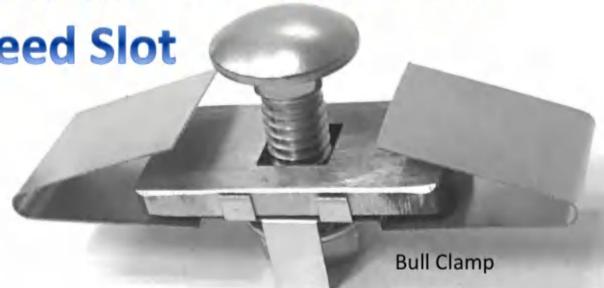
## → Benefits

- ModuRack Bull Clamps
- Safe & Secure
  - Less Labor
  - Bonded



The Future for Installing Solar Panels is NOW!

Introducing **BULL CLAMP** for  **S6 Panels**  
with Speed Slot



**FEATURES:**

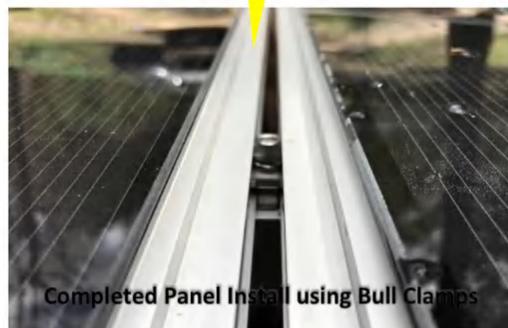
All Bull Clamps are manufactured with Grade 18 – 8 Stainless Steel  
Integrated Bonding  
Ready for UL approval with ANY rack

**EASY AS  
1, 2, 3  
TO INSTALL!**

1. Affix Clamp to Rail
2. Solar Panels Snap-n-Lock in place
3. Tighten Bolt

**Save \$\$\$ on soft costs:**

- Less installers
- Less Time
- Higher Panel Density
- No loose parts



**ModuRack, Inc.**

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Fremont, CA 94538  
408-888-7229

jzyuan@modurack.com

US Patent Pending #15891417, #15898747



# DATA SHEET

## MODURACK BULL CLAMP

### FEATURES

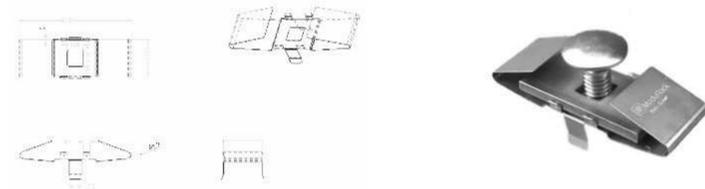
Snap-n-Lock  
 Build in module alignment  
 Hybrid top and bottom mounting  
 Fit for most rails  
 Integrated bonding  
 SUS300 materials  
 Build in rail tolerance  
 Module to module gap 8mm

### BENEFITS

Super fast and extra safety  
 Reduced labor, double the speed  
 Flexible for roof, carport and ground use  
 No change on your rack  
 Eliminate bonding cost  
 Good for any areas  
 Easy on installers  
 Reduced structure/land cost

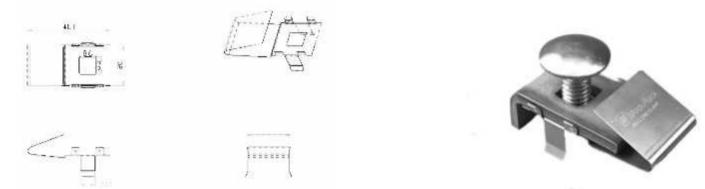
Bull Clamp Kit For First Solar S6  
 incl. Bull Clip, Clamp, Bolt, Nut, Grade 18-8 Stainless Steel, 1000 Pcs

MR-C6  
 Bull Clamp



Bull End Clamp Kit For First Solar S6  
 incl. End Clip, End Clamp, Bolt, Nut, Grade 18-8 Stainless Steel, 1000 Pcs

MR-C6  
 Bull End Clamp



Fastener 5/16 -18 X 1 in. Carriage Bolt  
 5/16 -18 Hex Serrated Flange Nuts  
 Grade 18-8 Stainless Steel

Release Tool



Global Customer Support Services  
 350 W. Washington St.  
 Suite 600  
 Tempe, AZ 85003

## ModuRack - Bull Clamp Compatibility Letter

July 7, 2021

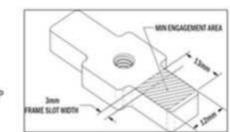
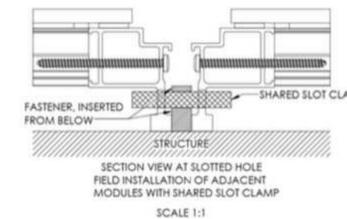
Jian Yuan, PhD  
 ModuRack, Inc.  
 3711 Yale Way  
 Fremont, CA 94538

To whom it may concern,

Upon reviewing the design of ModuRack's Bull Clamp the design of the clip is found to be within the user guides mechanical criteria for approval.

The product specifications for each module type are as follows:

Bull Clamp For First Solar S6 Modules



The proposed module clamps had previously passed static load tests on Series 6 modules at the test load of +/- 2400 Pa in 2018. First Solar warrants its modules according to the First Solar Module Warranty Terms & Conditions, provided the modules and mounting system are installed, operated and serviced as described in the First Solar User Guide.

All structural aspects of the system are the responsibility of the project engineer of record. In any case where the racking system or clamp is found to be the cause of module damage, the appropriate component manufacturer will be responsible.

Changes in the mounting configuration specifications, module design from time of testing or project specific calculations may nullify these test results and statements.



Evan Nichols  
 Application Engineer - Product Management

## Price & Packaging

### PRICING

Bull Clamps, Bull End Clamps:

— \$0.90/set FOB Kunshan China

— \$1.15/set DDP Your Address USA

(Hardware included, not assembled. Assembly Available)

### PACKAGING

— QTY Per Pallet: 24 kpcs (Bull Clamp + End Clamps, client specify combinations)

— Pallet Dimensions: 1.1m x 1.1m x 1.2m

— Pallet Gross Weight: 1.08 ton, Volume 1.4 m<sup>3</sup>

— 1 kpcs, a pair of cartoon boxes, 36 x 27.5 x 36cm<sup>3</sup> and 18 x 27.5 x 16 cm<sup>3</sup>

— 100 pcs per bag inside box



## More Information

### DEMO VIDEO

[https://drive.google.com/file/d/1ZgQBxH00eN8M3Rt7K4\\_4XINj5xkvuQMK/view?usp=share\\_link](https://drive.google.com/file/d/1ZgQBxH00eN8M3Rt7K4_4XINj5xkvuQMK/view?usp=share_link)

### INSTALLATION MANUAL

[https://drive.google.com/file/d/1ajcggJmSYOzEK\\_nVmkUxkqKIGCTtf8o6/view?usp=share\\_link](https://drive.google.com/file/d/1ajcggJmSYOzEK_nVmkUxkqKIGCTtf8o6/view?usp=share_link)

### HIBRID FIXING VIDEO

[https://drive.google.com/file/d/1HqDd2wed60q8Q8EFuLMjTiNUdikKH20N/view?usp=share\\_link](https://drive.google.com/file/d/1HqDd2wed60q8Q8EFuLMjTiNUdikKH20N/view?usp=share_link)

### REPLACEMENT PROCEDURE VIDEO

[https://drive.google.com/file/d/1lwP3Aloso6pzGaPORUbVtFDvAx7wnW5L/view?usp=share\\_link](https://drive.google.com/file/d/1lwP3Aloso6pzGaPORUbVtFDvAx7wnW5L/view?usp=share_link)

### CONTACT

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Jian Yuan. PhD