PanelClaw® is the only major racking provider in North America focused exclusively on flat roof racking. Our 11+ years of focus on flat roof result in a competitive advantage for our partners. No one knows more about flat roof racking than PanelClaw; no one delivers a more thoroughly tested and reliable platform; and no one matches our level of service. Our mission is to accelerate the deployment of flat roof PV and the best way to do this is to continue to lower its life-cycle cost while maintaining the highest levels of reliability. The clawFR platform is the result of this experience and commitment to flat roof.

Engineered for Speed

- Single M6 bold hardware kit
- No tool module attachment method
- 90 degree single-module tilt-up feature
- Flexible order of operations installation process allows for optimized coordination of building trades on the roof
- Integrated roof protection pads
- 6.9”+ access ways between modules
- Only 1 ground lug required per array
**Applications**

- < 5° slope flat roofs (up to 7° possible w/engineering review)

**Roof Type Compatibility**

- Membrane, tar and gravel, ballasted, BUR, concrete, asphalt (not compatible with metal roofs)

**2 Shade Ratio Options**

- 2.0:1 | 2.5:1

**Platform Load**

- ~ 2.3 - ~ 8.0 psf

**Module Orientation**

- Landscape

**Module Attachment**

- Airy point flange mounted

**Basic Wind Speed**

- Up to 190 mph
  (>190 mph by approval)

**Wind Exposure Category**

- B and C (D required engineering review)

**USGS Seismic Categories**

- A, B, C, D (others require engineering review)

**Building Height**

- No building height limitations

**Corrosion Resistance**

- ZAM coating provides 5x better resistance than G90

**Warranty and Certifications**

- 25 year warranty
- ANSI/UL 2703-2015 Listed
- System Fire Rating
  - Class A with Type 1 and Type 2 modules

**Intelligent Component Design**

- A single Ballast Rail part number covers all compatible 60 and 72 cell modules
- The Base does not change with module changes
- The wind deflector has 2 part numbers that cover all 72 cell module lengths
- The Module Connector and Deflector each have 2 part numbers have cover all compatible 72 cell modules

**O&M Features**

Construction designed specifically for O&M, and to assist providers

- Recessed Deflector allows for visual inspection of module connections and optimizer equipment
- ZAM coating with 5x better corrosion resistance than G90
- If mechanical roof attachments are needed, they are always placed in the North/South module gaps for simplified O&M inspection

**Safety and Reliability**

clawFR has been tested well beyond code requirements in the US. In addition to wind tunnel testing and ANSI/UL 2703-2015 listing, we have completed a battery of reliability and performance tests which can all be found at panelclaw.com.

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