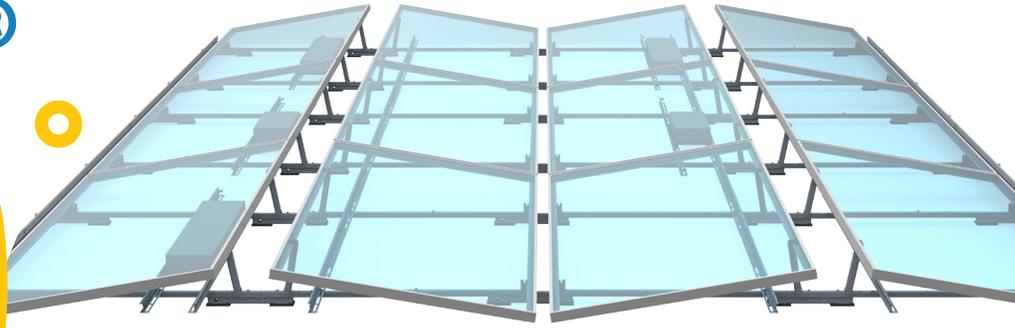


clawFR[®]

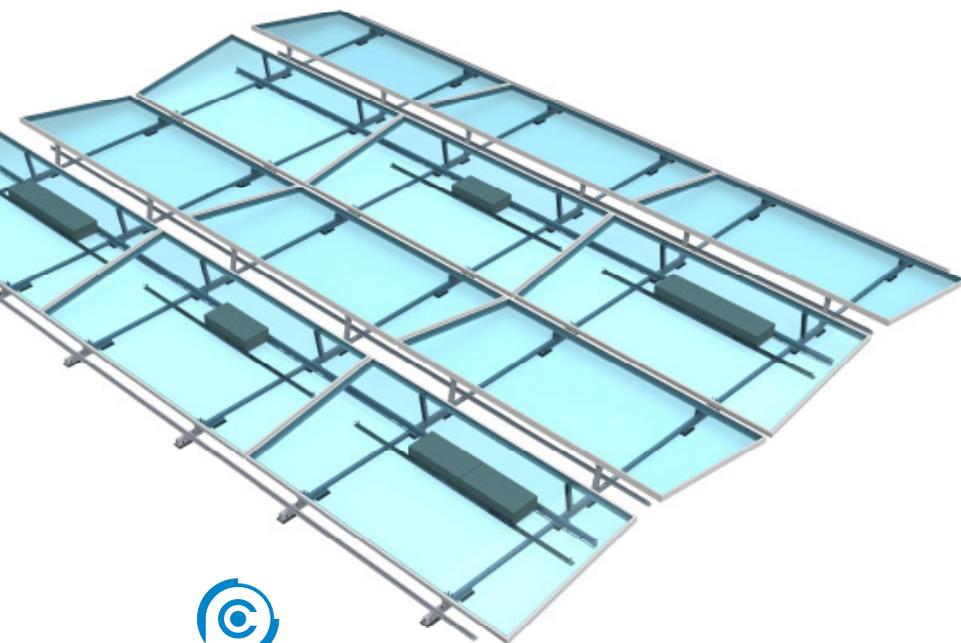
10⁰

DUAL TILT



Flat Roof Racking Specialists

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 bolt hardware kit
- No tool module attachment method
- 8.6" high side module access gap
- 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
- Only 1 ground lug required per array

SYSTEM COMPONENTS

Base



Rail



M6 Bolt



Module Connector



Cam Bracket
w/ Cam Claw



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)

High Side Row-to-Row Gap

8.6"

Platform Load

~ 2.5 - ~ 13.0 psf

Module Orientation

Landscape

Module Attachment

Airy point flange mounted

Basic Wind Speed

Up to 190 mph ASCE 7-10 (>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

FM Global

Reports and methodologies meet the requirements for FM Global approval

Warranty and Certifications

25 year warranty

ANSI/UL 2703-2015 Listed

System Fire Rating

Class A with Type 1 and

Type 2 modules

Intelligent System Design

Module agnostic components allow for flexibility in module spec changes. Lead times don't change each time you have to switch modules on a project. The railbased design and dual tilt architecture make this the most aerodynamic system in the clawFR platform. clawFR is also the most flexible rail based design ever, allowing for up to 3 degrees of wavy roof undulation in two directions.

Safety and Reliability

clawFR has been subjected to a battery of reliability and performance tests that go well beyond US code requirements. Our wind tunnel test program spans more than 10 years and our in-house SolarPTL® certified satellite test laboratory along with third-party peer reviews are the most robust in the industry.



PANELCLAW®

(978) 688.4900 | sales@panelclaw.com

panelclaw.com



Made in USA

O&M Features

Many of the construction features were designed to help O&M providers, but some features were designed specifically for O&M.

- Optimizers are mounted on the Module Connector tilt arm, under the module and near the gap between two modules
- ZAM® coating with 5x better corrosion resistance than G90
- If mechanical roof attachments are needed, they are always placed in the row module gaps for easy O&M inspection

clawFR®
10°
DUAL TILT