



LOWEST LIFE-CYCLE COST
CUTTING-EDGE ENGINEERING
WORLD-CLASS SERVICE
ENVIRONMENTAL RESPONSIBILITY



PanelClaw, Inc.
Advanced Roof Protection

PanelClaw delivers mounting and balance-of-system solutions to accelerate the adoption of photovoltaics worldwide.



Ballasted Mounting Systems *Advanced Roof Protection*

Superior Thermal Compensation

PV systems are subjected to significant fluctuations in temperature, which cause mounting components to expand and contract—movement that can damage roofs. PanelClaw's ballasted flat roof mounting systems, Polar Bear® FR and Grizzly Bear® FR, are designed to accommodate thermal cycling and prevent that damage. Their non-rail-based designs minimize the accumulation of thermal forces across the array, while PanelClaw's unique module clamps (Claws) flex to absorb expansion and contraction.

PanelClaw's flat roof systems also feature a-thermalized Wind Deflectors. A slotted design allows the Deflectors to expand and contract without forcing movement of the Supports to which they're attached.

Integrated Roof Protection Pads

All PanelClaw flat roof products include 3/8" - or 1/2" -thick integrated roof protection pads that reduce installation times and lower life-cycle project costs. The factory-installed pads are made from recycled rubber—which is fully compatible with a wide variety of roof membranes—and have saved over 150,000 tires from landfills.

Reduced Installation Times

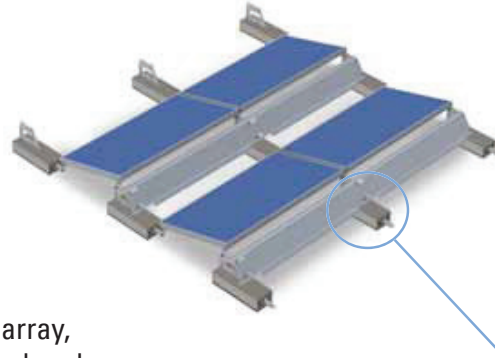
PanelClaw's streamlined, 3-component designs feature time-saving innovations like UL-certified grounding and significant factory pre-assembly. Their simplicity and flexibility dramatically reduce installation costs—and help installers get off the roof quickly.

Simplified Maintenance

Grizzly Bear and Polar Bear's single-module tilt-up feature allows easy access to the roof for routine maintenance. Their non-rail-based designs enable the free flow of water and their highly distributed footprints minimize pooling, further protecting the roof throughout the lifetime of a PV system.

Optimized Product Packaging

PanelClaw packaging is designed with roof load limits in mind. Pallets can be craned directly to the roof as delivered to the project site, with no breakdown required on the ground. This attention to detail further speeds installation and helps minimize the impact of the construction process on the roof.



Polar Bear® FR



Grizzly Bear® FR



UL 2703 Recognized E339731
Electric Bonding and Grounding

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