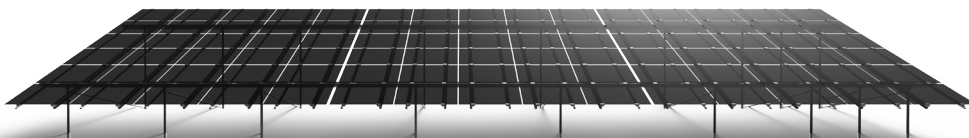


FIRST SOLAR THIN FILM MODULES

Fully redesigned and optimized for First Solar Thin Film Modules, the Advanced Modular racking system joins together two solar powerhouses. Joining together the most efficient modules on the market, with the best value racking available, to bring you an incredible end product, just made sense to us. With nearly a million thin film modules installed on APA hardware, we have the field experience you're looking for.

PREPANELIZATION IS STANDARD

This modular design allows AP Alternatives to preinstall all the modules into the racking cartridges before being shipped to the field. Our mobile assembly lines are able to travel anywhere in the US to prepanelize the racking system on the project site, or just miles away. Our mobile factory process greatly reduces customer cost and takes expensive man-hours out of the field.



ADVANCED MODULAR

The **Advanced Modular** ground mount system is perfect for large commercial and utility scale solar projects. Prepanelized modules facilitate rapid installation in the field, drastically reducing labor costs in high wage areas, with half the man hours. Racking is fully preassembled including module installation with grounding, prior to site delivery. Innovative features like integrated bonding, cable management trays, and UL Certified components reduce electrical costs. Engineered cross bracing, high strength steel, and physical testing on every site makes the Advanced Modular ground mount system one of the most rigid systems on the market. Designed specifically for high snow and wind areas, our system looks good and protects your investment, year after year.

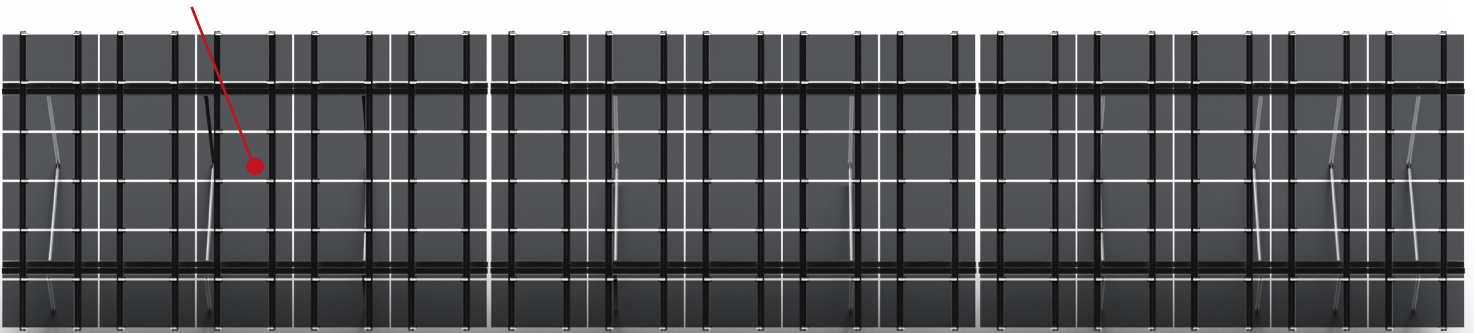
WHAT MAKES THE **ADVANCED MODULAR** SYSTEM SO SPECIAL?

SIX HIGH LANDSCAPE DESIGN

Highly engineered for optimal balance, six panels in landscape is the perfect design.

SNOW LOADS OVER 50PSF

High or low snow loads, we have you covered. Every utility scale project is engineered and optimized for site specific loading.



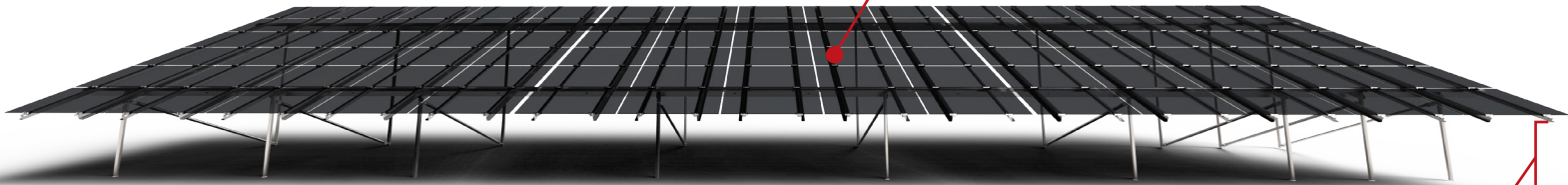
MADE IN THE
USA

HIGH TERRAIN CAPACITY

Easily accomodating slopes over 20%, difficult terrain is no longer a problem. Put those extra acres to use, and let it roll.

INTEGRATED GROUNDING/BONDING

Staying code compliant and safe is important to everyone. Make things easier, faster, and more affordable with our integrated bonding solutions.



INCREASED ANCHOR SPACING

Longer spans means less parts, faster installation, and more money in your pocket.

HIGH GROUND CLEARANCE

Whether your project needs clearance for snow or room for maintenance, our extra high front lip has you covered.

Racking Material: High Strength Steel

Corrosion Resistance: G90 Galvanized.

Higher coating as required.

Snow Load: Opsf to 70psf (higher load options available)

Wind Load: Up to 150mph

Tilt Angle: Customer Specified (5-40 Degrees)

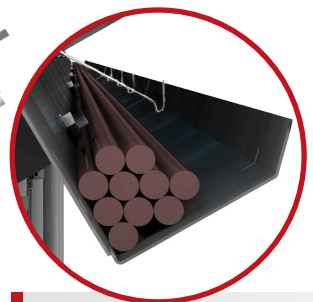
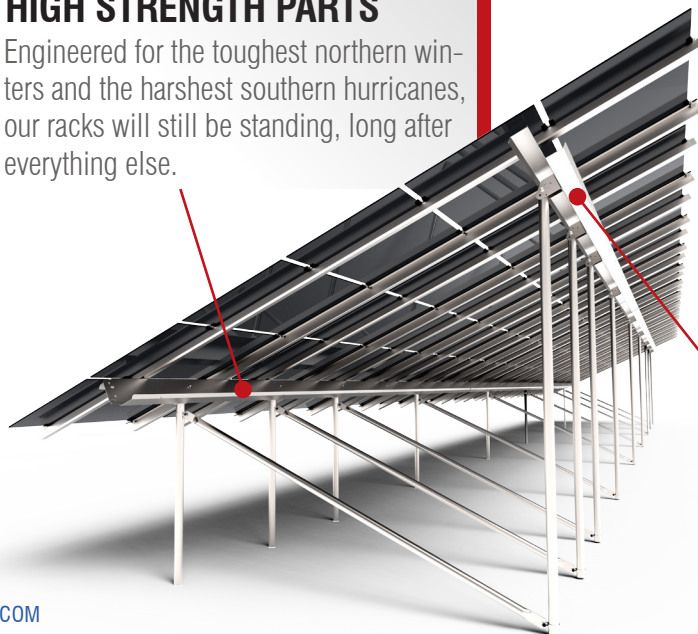
Anchor Depth: Design based on soil type and frost line. Testing performed by APA

Building Code Compliant: IBC 2012

PE Stamped Drawings: APA drawings can be PE stamped for all 50 states and territories.

HIGH STRENGTH PARTS

Engineered for the toughest northern winters and the harshest southern hurricanes, our racks will still be standing, long after everything else.



WIRE MANAGEMENT

Integrated cable trays and custom wire clips keep your project tidy, safe, and code compliant for the life of the project, without costly third-party solutions.

AP ALTERNATIVES
Modular Solar Racking Solutions

419.267.5280 // SALES@APALTERNATIVES.COM