



Scalable Mounting Solutions

Ironridge Ground Mount Brochure



IronRidge SGA ground mount systems are a cost-effective and scalable mounting system that support a wide range of site or terrain challenges

IRONRIDGE SGA

The IronRidge SGA (Scalable Ground Array) is a flexible and easy-to-install mounting solution that scales to the largest PV installations. The aluminum and steel components combine with installer-supplied steel pipe to form durable and cost-effective mounting structures.



Benefits

Easy to Install

Simple, easy-to-install components combine intuitively with installer-supplied Schedule 40 or 80 steel pipe.

Fully Scalable

Modular system design scales to even the largest utility-sized installations.

Durable

Galvanized, corrosion-resistant steel and anodized aluminum components are engineered to last in even the most extreme weather conditions.

COMPONENTS



Adjustable Tilt Cap

Optimize the power density of your installation by precisely setting the angle of the panels with our adjustable tilt cap. The heavy duty cast steel cap supports the cross-rail in place and fits securely on top of the foundation pier.

Our SGA mounting structure comes in 2" and 3" versions.

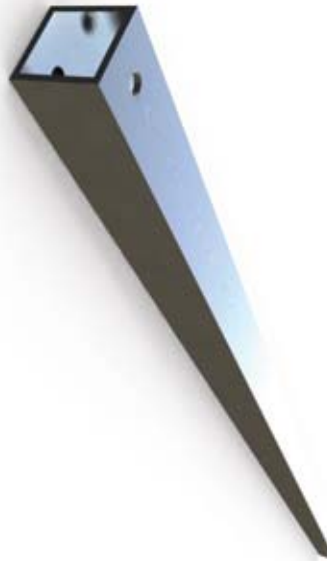
Cross-Brace Brackets

These easy-to-install cross-brace brackets quickly and easily attach to vertical piers. The heavy duty cast steel brackets provide the extra support required for the most difficult load conditions.



Cross Braces

When additional stability is required, attach diagonal bracing either North-South or East-West using aluminum extruded cross braces.



Rail Brackets

Secure IronRidge XRL or XRS rails to installer-supplied Schedule 40 steel pipe.



Mounting Rails

Our innovative, elegantly designed XRS (standard) rail provides the strength necessary to support your PV modules.



Panel Clamps

IronRidge clamps quickly and securely mount your modules to our rail systems. Both top and bottom mounting clamps are available to provide maximum choice to our installers.



Component Specifications

6105-T5 aluminum extrusion

- Rail Brackets, XRS Rail, Cross Brace

ASTM A216 WCB Type Cast Steel

- Pier Caps, Cross-Brace Brackets

ASTM A53, Grade B Schedule 40 Galvanize Steel

- Installer-supplied legs and cross pipes (2 and 3 inch options)

Warranty

IronRidge mounting systems are covered with an industry-leading 10 year limited product warranty and a 5 year limited finish warranty. For complete warranty information, download any product installation guide from our website.

Code Compliance

All IronRidge mounting systems are PE certified. Contact IronRidge for documentation applicable to your local building code.



Solar Mounting Made Simple™