



Specifications for photovoltaic bracket grounding flat iron

What is the ironridge roof mount?

The IronRidge Roof Mount provides an all-in-one mounting solution, with the roof attachment FlashFoot, XR rails, and integrated grounding. IronRidge products are engineered to last in the most extreme weather conditions and have been installed in every continent in the world.

Does ironridge ballasted roof mount work?

The IronRidge Ballasted Roof Mount components are engineered and certified to work with best-in-class 3rd party components and roof connecting solutions including Ecofasten, Wiley/Burndy and Oldcastle. IronRidge products are engineered to last in the most extreme weather conditions and have been installed in every continent in the world.

How do I install a flat roof solar array?

Complete row-to-row bonding in the array. Connect arrays to equipment ground. Complete wire management with weatherproof ties. Manage wires underneath module and Chassis flange. Create mounting platform for inverters. Add anchors to the ballasted system. IronRidge BX delivers superior power density and design flexibility to flat roof solar arrays.

What is the Sun approach angle for a ballasted roof mount?

The sun approach angle of the Ballasted Roof Mount system varies depending upon the amount of ballast required for your installation and whether or not Wind Deflectors are utilized. The sun approach angle for most installations will be 17 degrees. The row spacing for this system is 21.97 inches (module to module).

What is a ground mount system?

The Ground Mount System has been tested and evaluated to UL 2703 for bonding, grounding, mechanical loading and fire classification, and may be used to ground and/or mount PV modules listed to UL 1703 or UL 61730. A list of approved modules is included below.

Can a ground mount be installed on a low slope roof?

If installing on a low slope roof please refer to Ground Mount for Flat Roof Applications Addendum (Version 4.00). Unless otherwise noted, all components have been evaluated for multiple use. They can be uninstalled and reinstalled in the same or new location. 1. BUILD BASE Establish pier locations.

13 ¶ Adding solar to a flat roof has built-in complexity and requires a wide array of options to meet the building requirements--such as a mechanically attached system, a ballasted system, or even a hybrid system.

All-Terrain Mounting. The IronRidge® Ground Mount System combines our XR100® or XR1000® Rails with locally-sourced steel pipes or mechanical tubing, to create a cost-effective structure



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capable of handling any site or terrain ...

Features. Aluminum QRails® are available in two sizes to match all climate conditions: Standard and Light. QRails® come in three lengths - 168 inches (14 ft), 183in (15.25ft), and 208 inches (17.3 ft) - and in two finishes: mill and black.

These requirements also do not cover: performance during exposure to fire, structural attachments for the rack mounting system, structural performance of roof attachments for above roof mounting of photovoltaic (PV) modules and ...

Adaptable Design: Our brackets can be easily adjusted to fit nearly all metal profiles, providing our end users a universal solution for solar panel installation. High-Quality Material: Made from ...

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