



# XR Ground Mount System SunWatts

How does the IronRidge® ground mount system work?

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 capable of handling any site or terrain challenge. Installation is simple with only a few structural components and no drilling, welding, or heavy machinery required.

What is a flush mount solar panel?

Flush mounts consist of a panel rail set, four slotted L-brackets mount to any flat surface allowing pre-assembly of PV panel onto rails then onto pre-located mounting feet, all fasteners and thread locking compound. UniRac GFT ground mounts Shop from hundreds of ground mounts for solar panel systems.

What is included in a solar panel mounting kit?

The kit includes all the solar mounting hardware needed to install the system (steel posts, rails, ...). Top-of-Pole solar panel mounts TPM10-G are designed for maximum strength and ease of installation. Their racks are module-specific and not universal, which helps to reduce the number of parts. This simplifies assembly and minimizes assembly errors.

What is a SurTurf ground mount?

SurTurf Ground Mount is ideal for solar installers looking for a low cost high performance system that can accommodate a wide variety of soil conditions. No drilling is required to attach the aluminum rails to the horizontal pipe. The innovative swivel pipe cap kit can accommodate terrains up to 27° slope east-west and 120° slope north-south.

What are XR rails?

XR Rails are the backbone of the solar array. Their unique curved profile increases structural strength and spanning capability, allowing for fewer roof penetrations and more cost-effective system designs. XR Rail are available in three targeted sizes: XR10, XR100 & XR1000. Each size supports specific design loads, while minimizing material costs.

Which XR rail sizes are available?

XR Rail are available in three targeted sizes: XR10, XR100 & XR1000. Each size supports specific design loads, while minimizing material costs. Depending on your location, there is an XR Rail to match. All XR Rails are made of marine-grade aluminum alloy, then protected with an anodized finish.

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