Ground mounted solar panels pricelist



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Ground-mounted solar systems are free-standing structures that support solar panels. Because they can be installed wherever conditions are best for solar power production, they"re a great alternative to the traditional roof-mount solar system.

In this blog, we'll talk about how much it costs to install a ground-mounted solar panel system, as well as how much money a ground-mounted system could save you.

There are a lot of factors that contribute to the cost of a ground-mounted solar system. Some of these factors are based on decisions you'll make. Some are simply out of your hands, pre-determined by things like your location's climate and the terrain of your property.

Your solar system will be custom-designed to meet your unique energy needs and your financial goals. Here are the factors that will impact your solar energy system"s price.

Now that we"ve discussed the various factors that can impact the cost of your ground-mounted PV solar system, we can give you a rough idea of what one would cost.

It's worthwhile to note that these are broad estimates. The cost of your custom-designed solar system could be more or less, depending on your energy production goals, the equipment you choose, and the location and terrain of your property.

The after-incentive prices on the above charts reflect the widely available solar investment tax credit and accelerated depreciation. The tax credit is available to any tax-paying homes, businesses, and farms that own a solar system, and accelerated depreciation is available to any business or farm that pays federal taxes and owns their system. The savings from both incentives can be recovered the year the solar system is energized.

These may not be the only incentives available to you. State and local governments and some utility companies may offer additional incentives that further reduce the cost of your solar installation. The incentives your system qualifies for will vary depending on your location, the type of property on which you''re installing solar, and the size of your system.

Generally, ground-mounted solar panels will cost more to install than an equally sized roof-mounted system. This is partly due to the structure on which the solar panels are installed.

A rooftop system is supported by the roof, and the building's structure, meaning erecting a supporting structure is unnecessary. Instead, the panels are attached to a racking system which is then secured to the roof.



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But with a ground-mounted system, an independent structure will need to be erected to support the panels. The structure will consist of posts pounded deep in the ground for stable support, and then cross-beams are added to the racking system and the solar panels themselves.

Sometimes, your roof may not be large enough to hold a system that fully meets your electricity production goals. Or, your roof may not get enough sunlight to be an ideal location for solar. In a few cases, your roof may not be able to support the additional weight of the equipment.

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