



Sunpower x22 panels for sale

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Learn about the features, benefits and performance of SunPower X Series solar panels, including the X21 and X22 models. Compare them with other options and ...

X Series solar panels by SunPower are among the best photovoltaic (PV) modules available. They feature cutting-edge technology and certified durability. These modules are among the different solar solutions by SunPower, delivering 60% more energy than conventional modules during their 25-year lifespan.

If you want to learn more about the SunPower X-Series, this SunPower X-Series review is for you. Here we will analyze the technology featured in these modules, their technical specs, strengths & advantages, compare them against other options, and explain which applications are better suited for them.

SunPower X-Series feature Maxeon Gen III solar cells, one outstanding solar technology available. In this section, we explain how this technology works.

Maxeon Gen III Solar Cells feature cutting-edge technology with a 24.3% efficiency, delivering 25% to 35% more power than traditional cells. The technology implements high-quality monocrystalline silicon wafers with a black antireflection coating at the front, and Interdigitated Back Contact (IBC) or All-Back contact technology with a copper metal grid with tin-coating at the back of the cell.

These cells make SunPower X Series modules resistant to Light-Induce Degradation (LID) while delivering a low-temperature coefficient and great performance in broad light spectrums. The cells are also eco-friendly by featuring entirely lead-free components.

Residential X-Series includes the X21 and X22 variations. The X21 features a traditional design with superior aesthetics and a power output of 335W, while the X22 modules are the latest technology, featuring a superior performance with a power output of up to 360W.

Residential SunPower X Series modules are designed to deliver more power with fewer modules installed. Featuring 96 Maxeon III solar cells with a conversion efficiency of up to 22.2%, X Series modules can deliver up to 360W for the highest power-rated module in the series, while the All-Black design can deliver up to 335W.

Each SunPower X Series module features a Class A appearance and it is protected by a high-transmission tempered anti-reflective glass with a Class 1 black anodized frame. The modules are resistant to extreme climates and are covered by SunPower's 25-year warranty.

Commercial X-Series features a slight variation between the X21 and the X22 options. The X21 features 128



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solar cells for a power output of up to 470W, while the X22 modules feature 96 cells for an output of 360W.

Commercial SunPower X-Series is designed for commercial and utility-scale applications, featuring 96 and 128 Maxeon Gen III solar cells to deliver 360W for the X22 and 445W-470W for the X21 options. The size between both options also varies.

These modules feature a B Class appearance and are protected by a high-transmission tempered anti-reflective glass with a Class 2 silver anodized frame. They have a slightly lower resistance to extreme climates than residential variations but are also covered by a 25-year warranty.

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