



# Newest solar technology for homes

A new distribution agreement expands access to high-performance solar technology for homes and businesses  
TCL SunPower Global, a leading provider of innovative solar energy solutions, ...

We tested and researched the best home battery and backup systems from brands like EcoFlow and Tesla to help you find the right fit to keep you safe during outages or reduce your reliance on grid ...

The housing market is ever-evolving, and as we enter 2025, new construction homes are at the forefront of innovative design, technology, and sustainability. For buyers seeking to invest in a modern, tailor-made home, ...

Solar Power and Sea Breezes ALONG Spain's sunny coastline, more homeowners are turning to green energy solutions that work with the natural environment. With so many clear days each ...

Smart home technologies -- from smart thermostats to smart plugs to smart lights -- can help your solar energy go farther by making your home more energy efficient and shifting energy use to when your solar panels are ...

For the second year running, Aiko Solar holds the top spot in residential solar panel efficiency rankings with the release of its third-generation NEOSTAR 3P54 series, launched in mid-2025. This next iteration of ABC (All ...

Researchers at MSU made significant strides in solar technology by developing transparent solar panels that absorb invisible wavelengths of light, such as infrared and ultraviolet, using organic salts. This innovation allows the ...

A solar storage battery lets you use electricity from your solar panels 24/7 A battery can save the average house over \$163,500 per year We analysed 27 of the best storage batteries before choosing the top seven Key ...

Some of the most promising innovations include: Perovskite Solar Cells - These next-generation solar panels are expected to revolutionize the industry by providing higher efficiency at a lower production cost. Research ...

Solar energy has progressed greatly since 1980, and in 2025, 45 years later, it will mark a major milestone in its evolution. If you're considering making the switch to solar this year, here's ...

These range from \$36 for a 10-watt solar panel (new) to \$424 for a 200-watt portable solar panel kit. 300 watts or more. These solar panels are powerful and can be part of your DIY plans for whatever you have in mind. ...



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Boilers that burn fossil fuels to heat homes spew gasses that also heat the planet. Several technologies to heat homes cleanly already exist, but many come with trade-offs that hold them back. So how do technologies like ...

When you go solar, your system will almost certainly use monocrystalline solar panels. This panel is the best and most popular type available to homes, having entirely replaced polycrystalline models, according ...

Not only can solar energy significantly reduce your electricity bills, but it also helps decrease the emissions generated by fossil fuels to power grid electricity. Solar industry experts at EnergySage ranked the top-performing ...



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