

Best Solar Panel Brands 2023

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Why Your Solar Brand Choice Actually Matters

You know what's wild? Over 37% of solar shoppers pick panels based solely on price. That's like buying a car because you like the cup holders! Let's get real - the brand you choose determines whether your system will be chugging along in 2043 or becoming roof decoration by 2028.

Last month's NREL report showed a shocking 23% performance gap between tier-1 and generic brands after just 5 years. We're talking about real money here - premium panels can generate 18% more electricity over their lifetime compared to bargain-bin options.

The 5 Make-or-Break Factors for Solar Panels

When I helped my cousin retrofit her Vermont farmhouse, we learned this the hard way. Her initial quote used budget panels with "competitive pricing", but wait 'til you hear this - their temperature coefficient was $-0.45\%/^{\circ}\text{C}$! That's like your phone dying faster in summer heat.

Critical considerations:

Degradation rates (look for

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