



2.5 kW Solar Systems Decoded

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Why a 2.5 kW solar system Might Be Your Perfect Energy Solution

Let's face it - traditional electricity costs have jumped 14% in the U.S. this year alone, according to the latest EIA data. While everyone's talking about going green, what most homeowners really want is simple: reliable power that doesn't bankrupt them.

Enter the 2.5 kilowatt solar system. It's like the Goldilocks solution - not too big, not too small. But does this mid-sized setup actually work for real houses? Well, take the Johnson family in Phoenix. They installed one last spring and slash'd their utility bills by 60%... even while running two AC units through desert summers.

The Hidden Math Behind Solar Sizing

You might've heard that bigger systems always mean better savings. But here's the kicker - oversized solar arrays often lead to wasted energy and longer payback periods. A 2.5 kW photovoltaic system typically covers:

900-1,100 kWh annually (perfect for

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