

Is the solar panel BESS roof reliable for 25 years





Overview

How long do solar panels last?

After 25 years, you can expect your solar panels to be producing at around 85-90% of their original capacity. That's a solid, reliable performance for an investment that often pays for itself in 6-10 years. The health of your roof over that same period comes down to one thing: the quality of the installation.

Do solar panels lose efficiency over time?

While solar panels do lose a bit of efficiency over time, they don't just stop working after a couple of decades. In fact, most panels can last well beyond 25 years while still generating significant power. Let's explore how solar panel efficiency holds up in the long run and what you can do to keep your system running strong.

Are solar panels worth it after 25 years?

Even after 25 years, a slightly less efficient system can still save you thousands on your electricity bills. Given the relatively low solar panel cost today and the high cost of electricity, you'll continue to see savings—especially if you're using high-quality panels and maintaining them properly.

Should I replace my roof before installing solar panels?

The one condition is that your roof must be in good shape before the panels go on. If your roof has less than 10-15 years of life left, you should replace it first. Before any reputable installer touches your roof, they should conduct a structural assessment.



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