



Residential Ground-Mount Solutions from SMA

More reliable, more cost-effective
and more energy!





Finally, a better option for ground-mount!

Have you explored a ground-mount PV system instead of one on the roof? The benefits are numerous and offer significant time and cost savings for both homeowners and installers. SMA offers homeowners a less complex solution for their home solar generation that delivers more energy than traditional rooftop systems utilizing optimizers or microinverters on each panel, which is costly, unnecessary and presents a service risk.

Read on to see what SMA ground-mount solutions can do for you!



Greater reliability, less complexity

While traditional optimizers and microinverters are often used in ground-mount PV systems, they simply are not needed. Systems mounted on the ground are not subject to the same electrical code requirements, so why add more components to a PV system than necessary? Systems with SMA ShadeFix optimization are the simplest, most reliable solutions available.



Convenience power in the event of a blackout

Ground-mount systems from SMA offer what traditional optimizers and microinverters can't—convenience power in a blackout during the day without batteries! This invaluable feature is called Secure Power Supply and can be easily integrated into a ground-mount PV system using an SMA inverter.



Reduced service risk

Traditional optimizers and microinverters are installed under the PV panels in a harsh, hot environment. Depending on system size, that could be thousands more components prone to failure! SMA systems remove that risk and ensure system uptime, and energy production, is maximized.



Additionally, SMA Smart Connected offers what no one else can—a proactive monitoring solution that can reduce service calls up to 50%.



SMA ShadeFix
STRING LEVEL OPTIMIZATION

What is SMA's ShadeFix optimization?

SMA Sunny Boy inverters with ShadeFix optimization produce the maximum power from PV modules—even in most shaded situations. They outperform traditional module-based optimizers, which require additional hardware. And the best thing about this solution is that SMA ShadeFix optimization is integrated into SMA inverters at no extra cost.

[Watch the video!](#)



**SMA offers
homeowners a
simpler solution**



About SMA

SMA has been in business for 40 years and has more than 3,000 employees in 18 countries. The SMA America team is local, and has been rated #1 in service and support for our home energy products. Your installer chooses SMA inverters because SMA has unmatched German-made quality and paramount safety, which gives peace of mind that your investment will generate long-lasting clean energy for years to come.

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