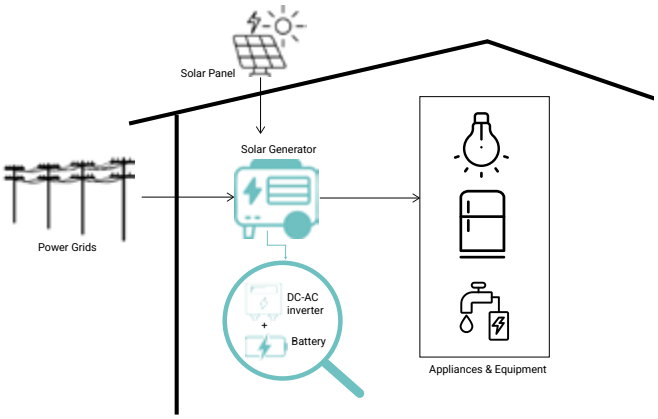
The Global LEAP Awards for Solar Generators

Solar generators offer a sustainable, safer, and cleaner alternative to fossil fuel generators commonly used in resource constrained settings in low to lower middle income countries.

Solar generators are reliable alternatives to fossil fuel generators

Globally, 666 million people still lack access to electricity and about 2.8 billion more live in areas with unreliable power supply. In these areas, diesel and gasoline generators are common backup power sources, which produce emissions that harm human health and worsen climate change. With more than 82.6 million diesel generators in use globally, the need for a cleaner, scalable alternative is clear.

Solar generators offer a sustainable, safer, and more cost-effective solution over time. It is also referred to as “solar inverters”, “zero-emission generators”, “AC solar home systems” and “power stations.” Solar generators receive power from solar PV modules, store it in a battery, and provide electrical energy through AC and, in some cases, DC power outputs.



Nominate eligible products by October 2025!

The Global LEAP Awards is an international competition to identify and promote world’s best energy efficient appliances and equipment intended for use in energy constrained settings, accelerating market development and innovation.

In partnership with ZE-Gen program, the 2025 Solar Generator Competition will identify and promote the best solar-powered generators for use in energy constrained settings, accelerating the global transition to high-quality, zero-emission power solutions.

The products recognized by Global LEAP Awards offer a strong balance of price, energy efficiency, performance and reliability. Winners and Finalists will be identified through thorough

- Robust laboratory testing conducted by an ISO- accredited test laboratory according to VeraSol Solar Generator Test Method;
- Real world user testing in Nigeria;
- A panel of expert judges providing feedback

By providing the clear and actionable signals about the quality and energy performance of solar generators, the Global LEAP Awards enables companies, investors, and policymakers to make faster, better-informed decisions.

Manufacturers and distributors are encouraged to nominate products through the Awards website.

Join our webinar on 15 October 2025 to learn more about eligibility, nomination process and timeline. Please register here.

The Global LEAP Awards

Benefits to Winners and Finalists

- Inclusion in Global LEAP-sponsored communications to promote Competition Winners and Finalists and raise consumer awareness about high-quality solar generators.
- Inclusion in the Global LEAP Solar Generator Competition Buyer's Guide and featured in VeraSol's Product Database.
- A total of US$100,000 of cash prizes to be awarded to products that demonstrate market-leading performance, affordability, and high user impact based on results of laboratory testing and field evaluation.
- Tap into the ZE-Gen and Transforming Energy Access (TEA) networks to access business development and partnership opportunities.

Impacts

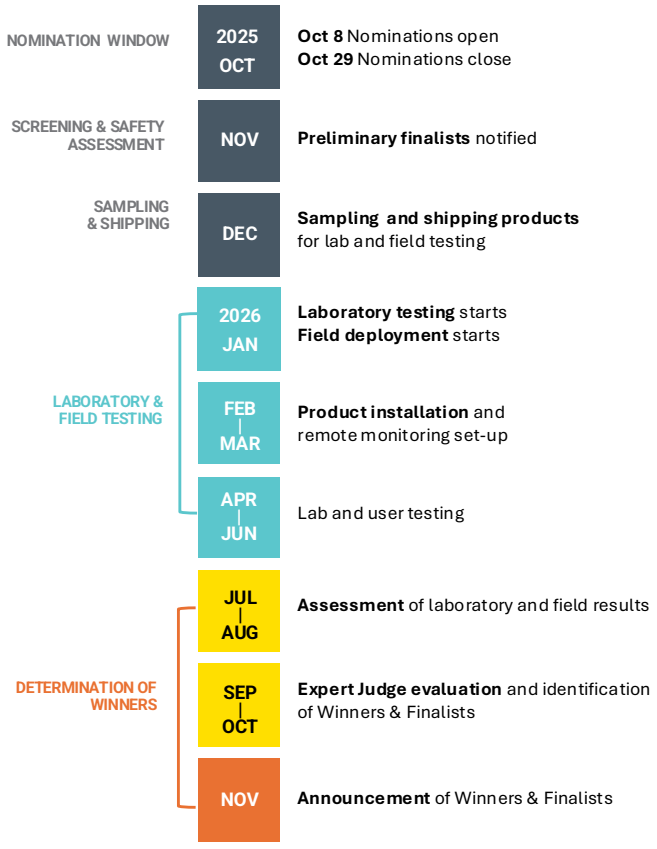
Solar Generator Manufacturers can differentiate their products in the marketplace and increase sales.

Companies and Distributors can more easily identify and procure high-quality solar generator products.

Investors can identify the most promising companies in an early-stage, dynamic global market.

Policymakers and Donor Organizations will benefit from clearer information about solar generator quality and efficiency, features that help the market grow.

Timeline



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EfficiencyforAccess.org/2025_solar_generators_competition

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