

Growatt's Infinity 1300: The Best Solar Generator for Home Battery Backup

Airmont, New York May 31, 2023 ([IssueWire.com](https://www.issuewire.com)) - Growatt, a renowned pioneer in the solar sector and energy storage solutions, has announced the pre-sale of its latest creation, the Infinity 1300, on its official website. This new solar generator uses lithium iron phosphate (LFP) batteries to achieve a 3000+ cycle lifespan, making it the [best home backup generator](#) option for those who want to embrace clean energy solutions and reduce their carbon footprint.

The Infinity 1300 can be fully charged with solar panels, resulting in a 1382 Wh capacity and 1800 W output. It can perform a fast charge in 1.8 hours using an AC input. The generator contains 14 DC and AC outlets and carries bi-directional inverter technology, making it the perfect [battery power station for home battery backup](#).

The Infinity 1300 is designed for portable use, with a size of 16.5 by 9.1 by 11.3 inches and a weight of less than 43 pounds. Its optimal operating temperature is from 68 F to 86 F, and it includes Growatt's battery management system (BMS) technology. The system also features an uninterruptible power supply (UPS) function and multi-unit expansion, making it an ideal [solar battery backup](#) for homes and businesses.

The SmartGro app allows users to control the Infinity 1300 remotely, making it easy to monitor and manage the generator's performance. Optional 200 W solar panels are available for off-grid use, and up to four can be connected for 800 W of charge. These foldable solar panels are made up of monocrystalline silicon solar cells and are made with an ETFE fluorine-based plastic material that makes them weather resistant. The modules have a waterproof rating of IP67, meaning that the International Electrotechnical Commission has determined that the unit can be dropped into a body of water up to a meter deep for up to 30 minutes.

Growatt's commitment to sustainability and innovation has earned them numerous awards and recognition. In December, Growatt announced a lithium iron phosphate (LFP) battery for residential and commercial rooftop PV applications, the APX HV battery. This battery has a storage capacity of 5 kWh with one battery module and up to 30 kWh with six modules. The system has a maximum parallel expansion of 60 kWh, making it an ideal home backup generator option for those who need more power.

A year ago, Growatt unveiled the Infinity 1500 solar generator, which has a battery capacity of 1554 Wh and an AC output of 2000 W, making it an ideal [portable generator](#) for outdoor and home appliances. The device can be charged with up to four 24 V solar panels in series or using eight 12 V solar panels.

Growatt is taking pre-sale orders for the Infinity 1300 solar generator now through April 30 on its official website. The company's focus on innovation, sustainability, and customer-centric solutions has earned it a reputation as a trusted partner for businesses and individuals looking to embrace clean energy solutions. The Infinity 1300 is the latest addition to Growatt's product line, and it is set to become [the best home backup generator](#) option on the market.

As the world shifts towards renewable energy sources, Growatt is poised to play a critical role in the transition. The company's focus on innovation, sustainability, and customer-centric solutions will be essential in achieving a future powered by clean energy. The Infinity 1300 is an excellent example of the company's commitment to clean energy and sustainability, as it provides a reliable and efficient way to

store excess energy generated by solar panels for later use.

In conclusion, the Infinity 1300 is the [best solar generator](#) for home battery backup, providing users with a reliable and efficient way to store excess energy generated by solar panels for later use. The generator's bi-directional inverter technology, UPS function, and multi-unit expansion make it an ideal solar [battery backup](#) for homes and businesses. With the SmartGro app, users can control and monitor the Infinity 1300 remotely, making it easy to manage the generator's performance. Growatt's commitment to sustainability and innovation has earned it a reputation as a trusted partner for businesses and individuals looking to embrace clean energy solutions. The Infinity 1300 is another example of the company's dedication to developing products that help customers achieve energy independence while reducing their carbon footprint. The optional [foldable solar panels](#) are a weather-resistant and waterproof addition, providing users with an off-grid option. As the world shifts towards clean energy sources, Growatt continues to innovate and provide customers with the best portable generator and home backup generators on the market.

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