## What powers a generac generator



A Generac generator is a standby generator that automatically supplies electricity to your home or business in case of a power outage. These generators are designed to provide a seamless and continuous power supply, ensuring that you don't experience any disruptions during blackouts.

Since 1959, Generac Power Systems has been committed to building the most reliable, durable, efficient, and environmentally-friendly generators and power equipment. ... "Our Generac generator is what saved our belongings and is what ultimately saved us as a family. There was utter chaos and destruction outside, but my home was air conditioned ...

Generac generators are so popular for home backup power because they can be sized to power your whole house or configured to power only what you need. If you only need certain appliances and can live without others, your generator won"t waste energy powering them.

1. How Does A Permanent Generac Generator Work? Like other generators, a Generac generator can run on liquid propane, or tap right into your home"s natural gas lines. It sits outside, just like your air conditioning unit, and waits... and when the power goes out, your Generac knows it and turns on.

Thanks to the transfer switch technology, your backup generator can start supplying power to your home seconds after an outage begins. Whether you're home or not, your Generac home standby system kicks into action, and continues to power your home until utility power returns.

To calculate this, the homeowner must know what appliances they would need to power (load), how long those appliances need to be powered, the size of the generator they have installed, and what the local utility company charges for a given fuel type. The table below shows consumption rates for each engine size (kW) at half or full load.

To determine the size of the generator you need, envision what appliances you need during a power outage and use Generac's sizing calculator or schedule an in-home assessment. Generac offers a range of products, from essential circuit coverage to whole-house coverage with load-shedding options.

Generac generators utilize a four-stroke combustion cycle to generate power. The cycle consists of four stages: intake, compression, combustion, and exhaust. During the intake stroke, the engine draws in a mixture of air and fuel.

Generac's portable power products let you take your power with you, wherever you want to go. From the smallest power inverters to 17,500 watt portable generators - among the largest available - Generac has the portable generator for your recreational needs.

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