



Never run a generator in an enclosed space or indoors. Most generator-related injuries and deaths involve CO poisoning from generators used indoors or in partially enclosed spaces. That includes the basement or garage, spaces that can capture deadly levels of carbon monoxide.

Don't run a portable generator in the rain. But what about a hurricane? You can buy tents for generators that keep them shielded but well-ventilated online and at home centers and hardware stores.

Before refueling, turn off a gas-powered generator and let it cool. Gasoline spilled on hot engine parts can ignite. Allowing the engine to cool also reduces the risks of burns while refueling.

Stock up on extra gasoline and store it properly. When you think you'll need to use the generator for an extended time, you'll want extra fuel on hand. Just be sure to store gas only in an ANSI-approved container in a cool, well-ventilated place.

Avoid electrical hazards. If you don't yet have a transfer switch, you can use the outlets on the generator—providing you follow certain precautions. It's best to plug in appliances directly to the generator. If you must use an extension cord, it should be a heavy-duty one for outdoor use, rated (in watts or amps) at least equal to the sum of the connected appliance loads. First check that the entire cord is free of cuts and that the plug has all three prongs, critical to protect against a shock if water has collected inside the equipment.

Install a transfer switch before the next storm. This critical connection will cost from \$500 to \$900 with labor for a 5,000-rated-watt or larger generator. A transfer switch connects the generator to your circuit panel and lets you power hardwired appliances while avoiding the glaring safety risk of using extension cords. Most transfer switches also help you avoid overload by displaying wattage usage levels.

Don't attempt to backfeed your house. Backfeeding means trying to power your home's wiring by plugging the generator into a wall outlet. This reckless and dangerous practice presents an electrocution risk to utility workers and neighbors served by the same utility transformer. It also bypasses some of the built-in household circuit protection devices, so you could end up frying some of your electronics or starting an electrical fire.

GENERATOR SAFETY TIPS

