



Commonly Asked Questions About the Solar Backup Power 1750 Solar Generator

Q: What exactly is the Solar Backup Power 1750 Solar Generator?

A: The Solar Backup Power 1750 Solar Generator is an electric generator, which will provide up to 1750 watts of household electricity. That's enough power to run almost any electronic product or appliance you might connect to your wall outlet at home.

It's packaged in an almost indestructible housing that contains a massive 51Ah battery. The battery is sealed, maintenance free and stores 12-volt electrical energy that is automatically converted (by state-of-the-art electronics) to household power. There's an AC power panel that contains four standard outlets (plug-ins), and a DC power panel to run 12-volt products.

Q: Is it a generator?

A: Yes. The solar panel generates its own electricity (from natural sunlight) and store and stores it in the battery pack for use when you need it.

Q: Is it noisy?

A: Not at all.

The Solar Backup Power 1750 runs whisper silent, producing no noise whatsoever.

Q: Is it safe to use indoors?

A: Absolutely. Unlike gas or diesel-powered generators, the Solar Backup Power 1750 does not emit any fumes or deadly carbon monoxide. The unit is completely sealed and can be placed anywhere in your house. It's a safe, reliable, and convenient source of electrical power that can be used as a backup in emergencies... or... for everyday use.

Q: What can I run with it?

A: Almost any electronic product or appliance you might connect to your wall outlet at home. However, for maximum run times and performance, appliances that require exceptional amounts of power are best to avoid if possible. Examples include: central air conditioners, heat pumps, electric hot water heaters, electric clothes dryers, electric ranges, and electric space heaters.

Q: On average, how long does it take the solar panel to fully recharge the unit?

A: That really depends on where you live. For example, here in Northern Pennsylvania, in full sun during the winter, it takes about 3 to 5 hours to fully charge the system. In the Southwest—where the sunlight is more intense—two-hour recharge times in full sun have been reported.

Q: How much cable does the unit come with?

A: It comes with 50 feet of cable... more than enough to reach from the solar panel outside to most places inside an average house.

Q: What are the dimensions of the panel?

A: It weighs 43 pounds and is 65.5" long, by 33" wide, by 3" deep.

Q: Is it portable and easy to move around?

A: Yes, It weighs 110 pounds, has lifting handles at both ends and there are hidden wheels which make moving the unit around a snap.

Q: When you say the Solar Backup Power 1750 will run a 18 cubic foot refrigerator for 9 hours, do you mean that the fully-charged battery will do that by itself, without being plugged into the solar panel?

A: Yes, fully charged, the battery will run that unit for 9 hours by itself.

Q: Will leaving the generator plugged into the solar panel increase that run time?

A: Yes, but your results will vary depending on where you live, the time of year, and how much available sunlight on any particular day.

Q: If power goes out for several days, will the act of plugging the refrigerator into the unit for just a few hours each day, combined with the act of having the solar panel constantly recharging the unit, allow for effective cold/frozen food preservation?

A: Yes. This is the strategy we highly recommend in an emergency. As you know, your refrigerator doesn't run all the time anyway. Simply run your refrigerator for two hours plugged into the solar generator and then unplug it for two hours and keep repeating this process for as long as necessary. This works great!

Q: Can I charge the generator and use it at the same time?

A: Yes. Since the solar panel connects to the Solar Backup Power 1750 your household AC appliances can be run from it at the same time. This feature allows you to use the generator continuously to drop electric bills!

Q: How easy is the system to set up? Will it require an electrician?

A: It's very easy to set up. And, since it's a stand-alone system that doesn't connect to your household wiring, no electrician is needed. Just fasten the solar panel to a flat surface outside, and then plug everything into the generator. That's it!

Q: How often should I charge the battery?

A: Just like the battery in your car, it should be charged up now and then, and actually used. The expected life span of the battery will be around 6 years or more, but the more you use it, the longer it will last.

Q: Does weather affect my power system?

A: The Solar Backup Power 1750 itself can be used outdoors, however, it should be kept out of direct exposure to rain, sunlight and snow. Keeping it in a cool dry place will radically increase the lifespan and capabilities of the unit.

The solar panel—which will operate efficiently at temperature from -40 to 185 degrees Fahrenheit—should be put into direct sunlight, or even mounted right on your roof with southern (preferably) or southwestern exposure.

Q: Can I hook several of these together?

A: No. The units are self contained and designed to operate independently.

Q: Can I add extra batteries?

A: No. The unit is sealed and designed to work with the current battery inverter ratio installed.

Q: Is the battery a lead/acid battery?

A: Yes. The battery is sealed, non spill-able, lead/acid gel battery.

Q: Do you carry a 240-volt system for other countries?

A: Not at this time.

Q: Do you offer a guarantee?

A: Your solar generator comes with a standard 90-day warranty. If your solar generator malfunctions during that time, your component will be repaired at no cost to you. Under our solar generator extended warranties, if the product is not repairable, you will receive a brand new product to replace it. The process is quick and hassle free. The solar panels come with a full 20-year warranty.

