

Ken's picks..

KS Portable Solar Powered Generator

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What is it?

The Portable Solar Powered Generator (PSPG) is an electric generator which will provide up to 1500 watts of household electricity (3000 watts peak); enough to run almost any electronic product or appliance you might connect to your wall outlet at home. No diesel or regular gas is needed! It consists of a battery pack that stores electrical energy, state-of-the-art electronics that convert 12 volts from the battery pack to household power, an AC power panel that contains two standard outlets, and a DC power panel that is used to run 12 volt products. These components are packaged into a rugged cart with a removable waist handle that allows the PSPG to be wheeled from room-to-room or outdoors over rough terrain.



- [Listen to a 40 minute radio show on the PSPG..](#)

Is it a generator?

With the included solar panel, yes. The PSPG is an electric production and storage unit. Generators are self contained power units which generate their own electricity by use of a solar panel or other fuel source. It generates its own electricity, and stores the electricity for use when you need it.

Is it noisy?

No, the PSPG runs silently, no noise whatsoever. It emits no fumes, and no gas is needed.

Lower your electric bill now!

The PSPG stores electricity in the form of 12vDC. When electricity is required it converts the stored 12vDC electricity to 110vAC power for use with most standard household appliances.

What can I run with it?

The PSPG provides for 1500 watts of continuous household electricity (3000 watts peak). That's enough to run almost any electronic product or appliance you might connect to your wall outlet at home. **Assuming you have NO sunlight, and the included PSPG backup battery has been fully charged..**



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AC Appliances and Equipment; Run Times Operated by the PSPG

Household Electrical Appliances; (115 Volts AC)	Typical Power (Watts)	Estimated Run Time (Hours)
Clock Radio	8	77
Light Bulb (CFL)	14	44
Portable 6" Television/Radio	14	44
Laptop Computer	25	24
Refrig/Freezer - 7 cubic ft	30	18
Refrig/Freezer - 19 cubic ft	90	6
Portable Fan	65	9
13 inch TV / VCR	100	4
Toaster Oven	1200	.1
Sun Oven	0	8

DC Appliances and Equipment; Run Times Operated by the PSPG

12 Volt Automotive or Marine DC Accessories	Typical Current (Amps)	Estimated Run Time (Hours)
Cellular Phone	6	100
Fluorescent Light	8	75
Refrigerator - Sun Frost RF19	10	40
Coffee Maker	30	10
Tire Inflator	100	3

Can I expand this system?

Yes, the PSPG can accommodate up to eight solar panels and an additional four batteries if you like. See the menu choices at the very bottom of this page. The larger you make your solar system, the more you can run off of it permanently. Use it every day!

Does it include a battery?

Yes, the PSPG includes a massive 63Ah battery. The battery is an AGM sealed, maintenance free battery and is securely housed inside the chassis.

Is the PSPG easy to install?

No "installation" is needed. No electrician is needed. This is a stand-alone system that does not need to be connected to your household wiring whatsoever. Just fasten the solar panel to a flat surface outside, and then plug everything into the base unit. That's it!

Can I charge it and use it at the same time?

Yes. The solar panel connects to the PSPG with the included DC socket, so your household AC appliances can be run from it at the same time. Use the PSPG permanently and watch your electric bill drop!

Will frequent charging damage the battery?

No. Discharging and recharging the battery through normal use helps to stimulate the electro-chemical components of the battery and extend the battery's life.

How often should I change the battery?

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! :)

Can I use it every day?

Yes. Whether you use it as a traditional emergency generator or not is up to you.. Keep your stuff plugged into it permanently, and lower your electric bill! No household wiring necessary!

Can I add additional batteries to it?

Yes. Additional 63Ah batteries can be added externally to the PSPG. The PSPG has a positive and negative battery terminal conveniently mounted on the backside of the unit for plug-n-play connectivity.

How much run time can I expect from an additional battery?

The PSPG includes a 63Ah battery inside the base unit. Adding additional 63Ah batteries will increase your run time exponentially.

Can I use it indoors?

Yes. The PSPG does not emit any fumes since it is completely sealed. Just roll it into your kitchen or office, etc and plug in your appliances! Use it as a permanent source of power!

Does weather effect my power system?

The PSPG should be operated at temperatures between 32°F and 104°F. Temperatures outside this range may cause permanent damage. The PSPG itself can be used outdoors, however, it should be kept out of direct exposure to rain, direct sunlight and snow. Keep the PSPG in a cool dry place if you can, it will radically increase the lifespan and capabilities of the unit. The solar panel of course, should be put into direct sunlight, or even mounted right on your roof with southern (preferably) or southwestern exposure.



Product Features

- **Can be setup in just 2 minutes.. Just plug into it!**
- Incredible 110 watt solar panel allows you to use the PSPG on a permanent basis!
- Runs AC or DC products anywhere
- Built-in 1500 watt inverter (3000 watts max) and sealed battery
- Continuously powers large 11A devices easily
- Multiple AC outlets allow operation of many appliances at once
- High power 12 VDC outlet (similar to your cigarette lighter)
- Battery level LED's show you the current charge state of your battery(ies)
- **The #1 alternative to gas powered generators** – no noise, no fumes, no maintenance, and NO FUEL! (Note: Keep in mind that most gas stations can't pump gas during a blackout! Remember the chaos last year?)
- Surge, over-temperature, and overload automatic shutdown
- Low voltage alarm and shutdown prevents deep battery discharge
- Quick recharge times, in as little as 3 hours (assuming the sun is out)
- Padded grip towing handle removes easily for usage or storage in tight places, and built-in handles on sides allow for easy lifting
- PSPG is roughly 1.5ft³ (65Lbs), solar panel is roughly 5'x2'x1" (30Lbs)
- Storage compartment (for all of the cables and accessories)
- One year warranty on the PSPG, and a full **25 year warranty** on the included solar panel and accessories

Use the PSPG..

- **For power emergencies:** run essential appliances like refrigerators, cordless/mobile phones, radios, fireplace fans, table lamps, microwaves etc when the power goes out
- **For work and productivity:** operate power drills, belt sanders, circular saws, hedge trimmers, leaf blowers, vacuums, computers, large monitors, fax machines, and inkjet printers
- **For recreation:** run blenders, video games, TV and VCRs, satellite equipment, coffee makers, portable coolers and more
- **Permanently:** Expand your PSPG system with extra solar panels and/or batteries. The more you add, the more appliances you are removing from the grid. **The PSPG is not just a "generator", it can be used as your permanent power source!**

What do I get for my money? What's in the Kit?

- (1) Portable Solar Powered Generator (PSPG) with internal inverter, 63Ah battery bank, AC charger (recharge the PSPG from a wall outlet), and DC charger (recharge the PSPG from your vehicle).



- (1) Solar Panel - 110w multicrystalline module
- (1) Solar Panel mounting kit
- (1) Morningstar Charge Controller 10A
- (1) 30' solar panel output cable
- (1) 3' DC power cable with pre-wired connectors
- (1) Step by Step Instruction Sheet

Optional add-on accessories:

- Extra Solar Panel - 110w multicrystalline [sku: mod-mit-110]
- Extra Backup Battery 63Ah [sku: bat-pspg]
- [Voltage converter](#) for overseas usage

What are you waiting for? The PSPG is solar powered, with battery backup, runs silently, emits no fumes, has no moving parts, it's blackout proof, and there's NO GAS required. Lower your electric bill now!

NOTE: Due to high demand, I am stopping the sale of this kit for a while till my Supplier can get orders for it all caught up. They should be all caught up by the end of July though, so please check back then. thanx! :)

Product Details: [sku: xpwr1500-kit1]

- **Your Price:** \$1,299.00 (per Kit)
- **Category:** [*All Products](#), [Gift Ideas](#), [PLUG-n-PLAY Systems](#), [Portable Solar Powered Generators](#), [Solar Electric Packages](#), [More..](#)
- **Ship Time:** 🚚 BackOrder / Pre-Order

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▶ Please choose your options, then click "Buy Now" to buy this product:

Extra Batteries:

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