



Have Electric Power Anywhere

1,000W SOLAR GENERATOR (CS-1000)



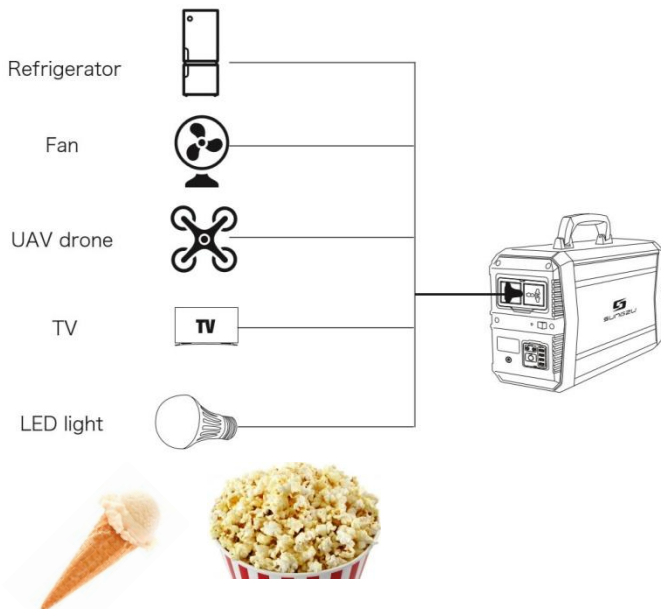
22 LB.
16"x6"x10"

1,000W
110V/60 Hz

- BENEFITS:**
- Powered by sunlight anywhere
 - Run any device under 1,000W
 - Instant ON, day or night.
 - No pollution
 - Quiet generator
 - Portable. Easy to carry.
 - 100% Green
 - Power Ready = Prepared for emergency



APPLICATIONS:



SPECIFICATIONS

Output:	AC 1,000W/110V/60Hz USB 5V/3A DC 12V/8A
Input:	DC 32V-45V / 8A
Dimension:	16" x 6" x 10"
Weight:	22 lb.
Battery capacity:	273,000mAh
Battery type:	Lithium polymer
Working temperature:	10oF – 150oF
Working humidity:	< 95%
Certificates:	CE, FC, ROHS.
Warranty:	12 months.



CS-1000 SOLAR GENERATOR:FAQ

1. How do I charge the Lithium Ion Batteries? Simply plug in the CS1000 using the provided adaptor when power is available or use our convenient Solar Panels when the grid is down.
2. What are the outputs? Two 110Volt, 60 Hertz pure sine wave AC outlets; plus four 12 volt DC outputs; and four USB outputs.
3. What can this generator power? It can power almost anything under 1000W. The maximum continuous output of the CS1000 is 1000W, with surge power up to 2000W. So no worries about power outages. You can power smart phones, laptops, cameras, lights, TVs, fans, drones, refrigerators, and other devices with the CS1000 Solar Generator.
4. How long can it keep the lights on? This 1000W solar generator can power a typical A19 LED lamp (8W, 800 lumens) for up to 125 hours. Some other typical numbers are:

33hours	Four Rooms Lighting (28W)
12hours	TV (80w)
24 hours	Most Energy Star refrigerators
15 hours	Fans (60W)
60 times	Charge Smart Phones (2915mAh)
28 times	Charge a Drone (4480mAh)
14 times	Charge a Tablet (11560mAh)
12 times	Charge a Laptop (75w)

Please remember that you can use the solar panel to charge (refill) the battery in the generator at the same time you are using it run an application. So the actual time could be much longer, depending on how much refill is needed and power required for the application.

5. Can you use an MC4 solar connector? No. The CS1000 comes with its own cables and connectors for our California Sunlight Solar Panels.



6. Does it work for CPAP medical devices? Yes, it can power a CPAP machine.
7. Is this UPS online or offline? The CS1000 is not an online UPS. But its charging adapter is 240W. So if your device is below 220W, it can be used like an online UPS. The CS1000 Solar Generator can be used to power appliances while it is charging.
8. What is the battery configuration (ie: 7s3p)? The battery configuration of CS1000 is 7s15p.
9. Will this be able to run a 1000w water heater for about 30 minutes? Yes, it will. The maximum continuous output of CS1000 is 1000W, with surge power up to 2000W.
10. Can I use it to run my TV? YES. It can power any TV under 1000W.
11. What kinds of solar panels are compatible with this unit? Our 100W folding solar panel FP100 is designed for the solar generator and is more compatible with CS1000 than other panels. However, any solar panels with a rated output voltage 32-45v and 9A of current would be compatible with this unit.
12. Can I connect two solar panels to get more power and charge it faster. Yes. Each 100W panel FP100 comes with an adapter that allows you to connect up to 3 panels together. That gives you 300W of power.
13. Is it possible for the output to be working while the input is charging? YES. The solar generator can be used to power appliances while charging. If the FP100 Solar Panels are passing through when the generator is in use, its output capacity may be increased.
14. Does the generator have any certification? Yes. The solar generator is certified with CE, RoHS, and by the FCC.
15. What are the safety features? The solar generator is designed with advanced safety technologies including short circuit protection, over-charge protection, over-heat protection, over-discharge protection, and over-voltage protection. It meets all the relevant safety standards and requirements.



16. What do the “Beep” sounds mean?

Please see the table below.

	Beep Sounds	Message
1	“beep-beep-beep”, once per second.	Low battery alarm
2	“beep beep”, twice per second.	Over voltage alarm
3	“beep beep beep”, three times per second.	Over load or short circuit
4	“beep-----“ one long 10 seconds sound.	Over temperature
5	Beep once per five seconds. (To remind user to turn off the AC switch, if it is not being used)	The AC load is lower than 10W for 30 minutes. (It is safe to continue to use it.)

17. Can I touch the machine if I am using a pacemaker? Please consult your doctor before using or touching the solar generator. The output of CS1000 is 110V / 1000W, powerful enough to have impact on other devices very close to the machine. Your health care professionals know the required working environment of your pacemaker.

18. How often do I have to charge the battery if I store the generator for emergency preparedness? We recommend charging it every 6 months. If you store the generator at room temperature for 12 months, it should have about 85% of the energy left in the battery. When not in use, the AC switch on the machine should be off, because the inverter consumes power even it is on standby (no load).

19. How loud is this generator? It is completely silent. It is a solar generator with Lithium batteries and a DC to AC inverter. It is also odorless, pollutant free, and can be used indoors.

20. Does the solar panel come with the generator or I need to buy it separately? No, it does not. You need to buy the solar panel separately. Also you can use other solar panels if their output is 32V – 45V / 9A.

21. Can I use a solar panel over 100w to charge the generator? A 200w for example? Yes, you can. We recommend the California Sunlight FP100 foldable solar panel. Each FP100 panel comes with an adapter that allows you to easily connect up to 3 panels. That gives you 300W of additional pass through power.



22. Can it be charged using 12 Volts DC 12?

No, this generator cannot be charged with DC12 volts. It does have 12 Volts DC outputs (but NOT input) for charging computers or other devices.

23. How long does it take to charge? It takes about 6 hours to be fully charged with an AC wall outlet, 12 hours to be fully charged by solar panel. But you do not have to wait until it is 100% full to use it. Also, please do not wait until the battery is empty to start charging the generator.

24. How long is the manufacturer's warranty offered on this unit?

We offer 12 months product warranty.

25. How long will it take to ship to Ohio? Right now the lead time is about 35 days.