

Frequently asked questions

Q What happens if the generator stops working, runs out of fuel or you have any other concerns?

A Please call 105 and we will discuss the best options

Q What if I need to move the generator or have concerns about its location, noise or smell?

A **DO NOT** move the generator, leads or equipment. If you need the generator moved or have any concerns, speak to a member of staff on site or call 105.

Q Can I charge my electric vehicle (EV) from the generator?

A Most home EV chargers are 7 kW, which is more power than your generator can provide. Some EVs can charge at a lower rate, but this will use most of the generator's power. Check your manufacturer's guidance on whether your EV can charge at a lower rate.

Q How many appliances can I use at the same time?

A You can use multiple appliances as long as their total power use stays within the generator's limit. See the examples inside this leaflet for guidance.

**POWER CUT?
CALL 105**

To report a power cut or damage to electricity power lines or substations, call the national Freephone number **105**.

For more information visit:
spenergynetworks.co.uk

SCP9402 Jun 26



6kVA Generator Guide

What you need to know about your temporary generator

Who are we?

We are SP Energy Networks. We own and operate the electricity distribution networks that provide a safe and reliable electricity supply to over 12 million people across Central and Southern Scotland, North West England, and North and Mid Wales.

We maintain the overhead lines and underground cables that bring electricity into your home. No matter who you pay your electricity bill to, we're the people to contact if you have a power cut or spot an issue with our equipment.

Why we need to turn the power off

To keep your electricity supply safe and reliable, we regularly carry out essential maintenance and make upgrades to our network. This can include repairing or replacing old or damaged poles, underground cables, and other equipment. To do this safely, we sometimes need to briefly turn off your electricity supply.

Temporary Generator

We know being without power can be difficult, especially if you rely on electricity for medical equipment or other essential needs.

That's why we've provided a temporary generator to keep your home powered during this short interruption.

This gives you a limited electricity supply while we carry out maintenance on our cables, lines or equipment.

What appliances can I use?

A 6kVA generator can provide 5-6kW of usable power. If you try to use more than this, the generator will trip — this means it will switch off to protect itself.

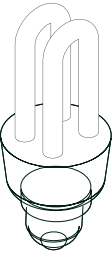
Below you'll see the typical power use of common household appliances. This shows what the generator can safely power, and what will overload and trip it.

 2.5kW Kettle	 1kW Lights
 2.5kW Electric Oven	 0.5kW TV
 6kW Electric Boiler	 6kW Power Shower
 7kW Electric Car	 Trip Solar Panels
 Trip Sauna's/Steam Rooms/ Hot Tubs	 Trip Heat Pumps

*These are average power ratings for these types of appliances. Check your appliances for exact values.

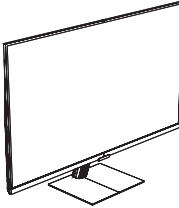
Generator load examples

Below is a group of appliances that would stay within the generator's limit.



1kW

+



0.5kW

+



2.5kW

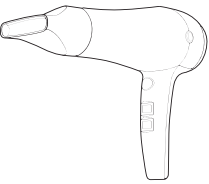
= 4kW

Below is a group of appliances that would exceed the generator's limit and trip it. If your generator trips, your power will go off.



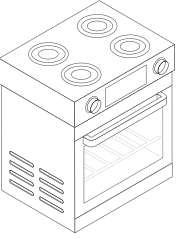
2.5kW

+



2kW

+



2.5kW

= 7kW