

A GUIDE TO YOUR SOLAR PV

Your Solar PV System



Your system

Your Solar PV system is now up and running and you are generating your own renewable electricity. Longi 405w panels have been fitted to the roof and are connected to the Solis Inverter in your loft. The Solis inverter is then connected to the RDL meter next to your Consumer Unit.

Solis Inverter

The electricity generated by the solar cells is DC (direct current). The electricity used in your house is AC (alternating current). So, the current from the solar panel system must go through an inverter, to convert it from DC to AC before it can be used in your home and used to run appliances. There is no need for you to touch the inverter. This runs purely automatically. Faults are very rare and are shown on the Solis Cloud app.



RDL Meter and Emergency Isolator

Both are located next to your consumer unit (fuseboard). The meter is connected to the inverter and shows how much electricity has been produced in total. This is not a daily count but a total from install to date.

The emergency isolator can be used to switch off the solar system in an emergency. If you feel there is a fault or are concerned about the system, you can switch it off here and seek advice from Grŵp Cynefin.



CONTACT DETAILS

Grŵp Cynefin emergency repairs hotline:
0300 111 2122

More information on Grŵp Cynefin's website
www.grwpcynefin.org/en/my-home/

We are able to provide information in other formats including print, large print, audio tape and Braille. Please contact Grŵp Cynefin for further assistance.





Solis Cloud Phone App

This app can be downloaded and used to show the power flow. It shows how much solar is being produced at that time. This can be used to make the most from the system and show how much electricity is available to be used.

FREQUENTLY ASKED QUESTIONS



Q: Can I change my energy supplier?

A: Yes. You can change supplier at any time.

Q: Does my supplier need to know I have solar panels?

A: No, you are charged for the electricity you use from your supplier, the electricity supplied by your solar panels goes directly into your inverter, converts into electricity, and is used instantly by appliances running at the time.

Q: Will my solar usage show on my Smart Meter or my bill?

A: No – your Smart Meter and your bill only reflect the energy you are using from your supplier.

Q: Who maintains the equipment installed?

A: Grŵp Cynefin is responsible for the repairs and maintenance of the panels after installation, this includes cleaning the panels.

Q: What is the best way to make use of the power produced?

A: To make the most from the power produced by your Solar PV, we advise spreading your electric usage over day light hours. Using only one appliance at a time will maximise the savings from your solar for example, not using the washing machine the same time as the tumble dryer.

SAFETY INFORMATION

- Never touch the solar panels or electrical components of the system while it is in operation or while the power is on.
- Do not attempt to repair or maintain the solar panels yourself. Contact Grŵp Cynefin for service.
- Do not block the airflow to the inverter, as this can cause overheating and potentially cause a fire.
- If you notice any signs of damage or overheating, turn off the system and contact Grŵp Cynefin.
- Do not attempt to clean the solar panels yourself.
- Do not walk on the solar panels as it can cause damage and affect their performance.

