

SOLADATA™ - USB

About your SolaData™ - USB function

If your controller is fitted with SolaData™ - USB, you have a powerful means to track, review and analyse the contribution your Solar Hot Water System is making to your energy efficiency.

By recording minute-by-minute data - including the temperature of your tank, the inlet and collector values, and the water flow through your system - it is possible to answer questions like:

- How much Hot Water am I saving?
- Am I saving more or less than last year?
- How many showers have I got left in my tank?

Analysing your data is a specialist task.

Your distributor will give you information about who to contact, who can help you to analyse and use the data collected by your SolaData™ - USB function.

How do I know if I have SolaData™ - USB installed?

If there is a USB port on the right hand side of your SolaStat™ controller (as shown here) then you will have SolaData™ - USB installed in your controller.



If you don't have SolaData™ - USB installed, you will see a sticker at that location, which gives you instructions on how to have it retrofitted to your controller.

Contact your distributor for more information.

DOWNLOADING YOUR DATA USING SOLADATA™ - USB

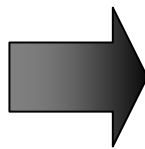
Transfer the data to a memory stick, then email it

Follow the simple instructions below to extract information from your SolaData™ - USB onto a USB memory stick.

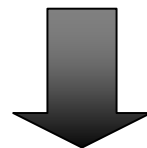
First, ensure your USB memory stick has no other information stored on it, every time logs are downloaded from different controllers.



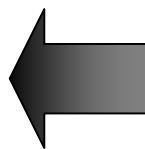
1. Insert your memory stick into the USB port at the right side of your controller



2. The data will download to your memory stick automatically. While the data is getting transferred to the USB, the light **above** the USB port will show green. When it has finished, the light goes off. It should take no longer than a few minutes.



4. Insert into the USB port on your computer. The data is ready and available to be analysed and/ or emailed



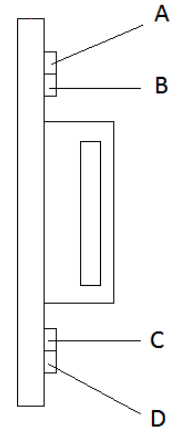
3. When the green light above the USB port goes off, remove your memory stick. The light **below** the USB port will flash green when the unit is collecting data.

LIGHTS ON THE USB PORT

What are all the lights on the USB port telling me?

There are 4 lights on the USB port on the right hand side of your SolaStat™ controller (as shown here in the Diagram). Refer to the labels A, B, C and D on the diagram.

1. LED A - USB LED: Shows **green** when data is being transferred to the USB stick
2. LED B – Flash Memory: Shows **red** when there is an error with the flash memory.
3. LED C – Comms LED: Shows **green** when there are successful comms.
4. LED D – Flow meter LED: Shows **red** when there is an error with the Flow meter.



USB Port

Note: See Trouble shooting guide for more details on error codes.

TROUBLE SHOOTING GUIDE

Symptom	Cause	Solution
LED A flashes green constantly	<ul style="list-style-type: none"> • USB drive is being detected. 	<ul style="list-style-type: none"> • Wait till the light stops flashing.
LED A flashes green once every 2 seconds	<ul style="list-style-type: none"> • USB drive is full. 	<ul style="list-style-type: none"> • Completely empty out the contents of your USB stick and reinsert it into the USB port.
LED A flashes green 3 times every 2 seconds	<ul style="list-style-type: none"> • USB Flash drive error. 	<ul style="list-style-type: none"> • Remove and reinsert your USB stick in to the port.
LED A stays green	<ul style="list-style-type: none"> • Data is getting transferred to the USB drive. 	<ul style="list-style-type: none"> • Leave the USB drive connected to the USB port.
LED B flashes red constantly	<ul style="list-style-type: none"> • USB drive is getting formatted. 	<ul style="list-style-type: none"> • Leave the USB stick connected till the LED stops flashing to avoid corruption.
LED C flashes green randomly	<ul style="list-style-type: none"> • The controller is communicating with the USB drive. 	<ul style="list-style-type: none"> • The USB drive can be removed when this is the only light flashing.
LED C is turned off	<ul style="list-style-type: none"> • No data is being sent to the USB drive. 	<ul style="list-style-type: none"> • Check your controller has power. • Reinsert the USB drive to establish communication.
LED D flashes red fast	<ul style="list-style-type: none"> • Flow meter error. 	<ul style="list-style-type: none"> • Contact your distributor .
LED D is turned on red	<ul style="list-style-type: none"> • Flow meter switch is closed. 	<ul style="list-style-type: none"> • Contact your distributor.
LED D is turned off	<ul style="list-style-type: none"> • Flow meter switch is open. 	<ul style="list-style-type: none"> • Your device is operating normally