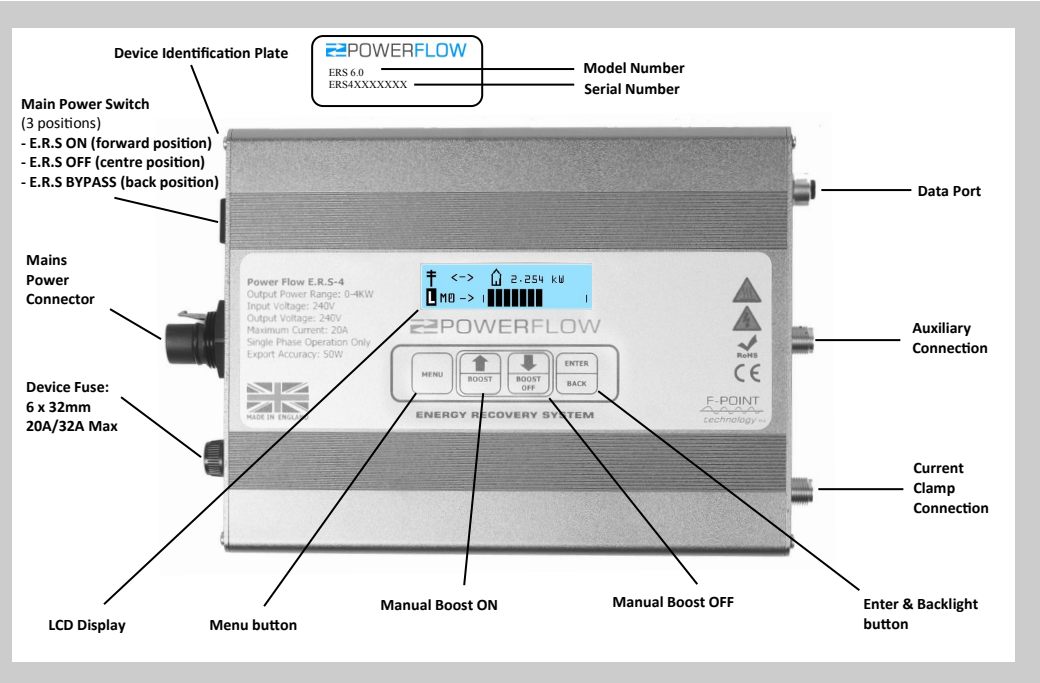
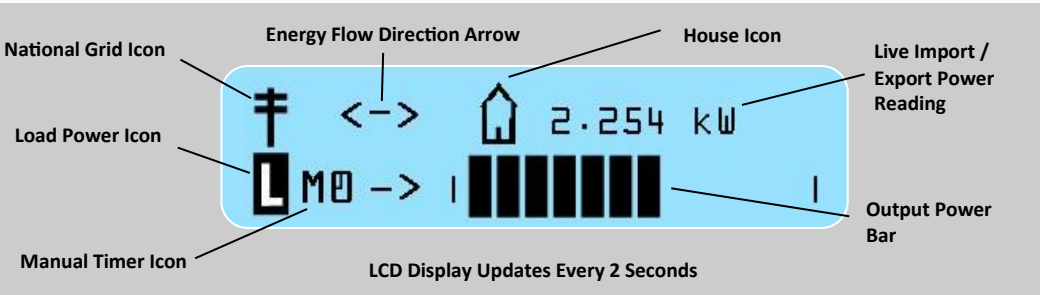


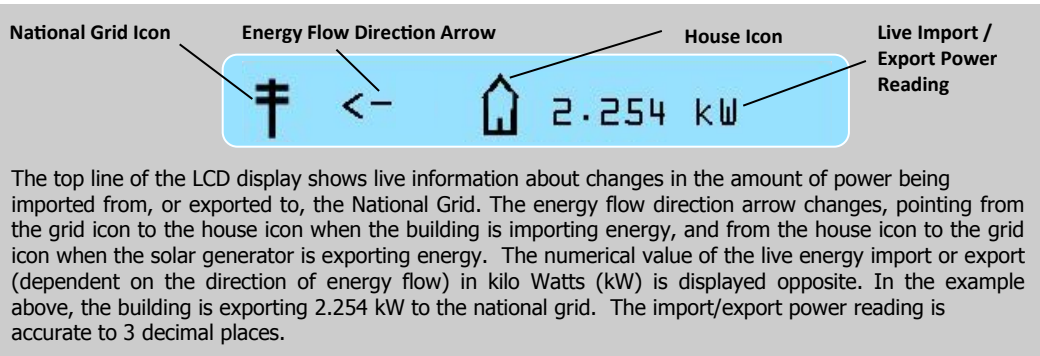
PRODUCT OVERVIEW



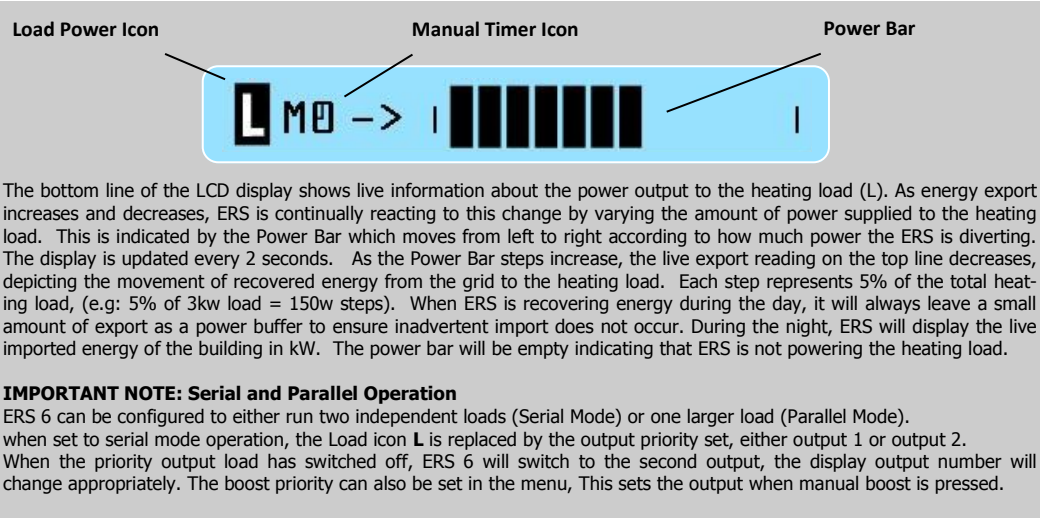
LCD DISPLAY ICONS (Home Screen)



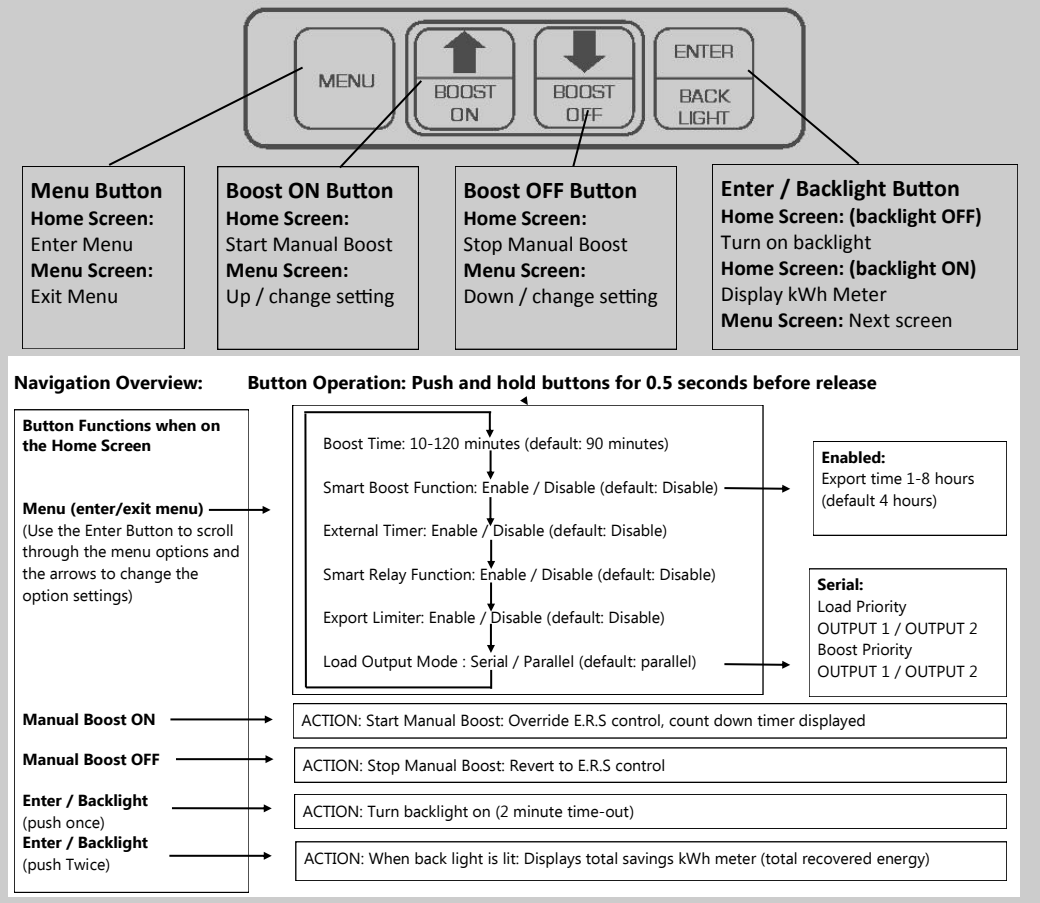
IMPORT / EXPORT DISPLAY OPERATION




POWER OUTPUT DISPLAY OPERATION



CONTROL ELEMENTS



Question	Answer
What does LOAD OFF mean?	When LOAD OFF is displayed, the connected electrical device ERS is powering has switched off. This may indicate, for example, that the water is hot and the thermostat on the device has opened.
What does, INTERNAL TEMP TOO HIGH mean?	ERS has an internal temperature sensor for safety which is triggered at 60°C. If this message is displayed, firstly check the ventilation of the unit to ensure there is adequate space around all sides. If the over temperature message is displayed, ERS will automatically reset its self after 2 minutes. If the over temperature condition continues, the reset process will keep repeating until the temperature is lowered. If the message remains, please contact your installer in the first instance.
ERS does not switch ON?	Ensure ERS is switched off at the main switch before commencing. Check the fuse. The fuse is located on the left hand end of the device. Push in the fuse cap and twist anticlockwise to remove.
How can an external timer be connected?	The Aux connector on the right hand panel of ERS is used for the external timer connection. Accessory product AUXCONN is required for this feature.
How can the smart relay function be used?	The Aux connector on the right hand panel of ERS is used for the smart replay connection. Accessory product AUXCONN is required for this feature
How does the manual boost function work?	Pressing BOOST ON will override ERS at any time and switch the heating device on to full. A countdown timer will appear. After the timed period has completed, ERS will revert to normal operation. The timed period can be adjusted in the menu under boost time from 10—120 minutes.
How is the display illuminate?	Hold the back light button down for 1 second, the display will illuminate for 5 minutes.
How can the total savings be viewed?	Whilst on the home screen with the back light illuminated (see above) press the Back Light / Enter button again. The display will show the total savings counted in kWh's. Press the Back Light Button again to return to the home screen
Where can I find more information if my question is not listed here?	Please visit www.powerflowenergy.com for more service information



IMPORTANT SAFETY INFORMATION

Caution: Please take note of the following:

- Risk of burns due to hot enclosure.**
 During operation the ERS enclosure may become hot to touch. Always use caution when touching the enclosure after long periods of operation.
- DO NOT place objects over the enclosure.**
 PowerFlow ERS uses the metal enclosure to dissipate heat. Covering the enclosure may cause product failure. Please ensure adequate ventilation is provided.
 For further information refer to the installation guide.
- DO NOT disassemble the ERS unit at any time.**
 PowerFlow ERS contains live parts inside, never disassemble the system.

Important: Legionella Advice

Legionella is a bacteria that can grow in water below 60°C. It is common practice for hot water and heating systems to raise the water temperature on a weekly basis over 60°C in order to kill any bacteria growth. Due to the very nature of ERS it is possible during periods of low energy export to partially heat the water. In systems without a second heating source such as a boiler to 'top up' the water temperature, it is possible that unused warm water could remain in a temperature range where bacteria can grow. Because the particulars of each installation are different, PowerFlow Energy cannot take responsibility for controlling the risk of legionella. It is the installers responsibility to ensure that this risk is controlled. Adequate water exchange and/or additional heating must be supplied in order to raise the water temperature above 60°C on a minimum of a weekly basis. This can be achieved in all electric homes by using the external timer function to override the ERS system once per week. Further advice on Legionella can be found at www.hse.gov.uk/legionnaires

If you have technical problems, please contact your installer in the first instance.
 The following information will be required in order to provide you with the necessary assistance.

- ERS Model Number
- ERS Serial Number
- Type and number of heating elements connected
- Location of ERS unit within the building

PowerFlow Energy Ltd , Barrs Court, Netherwood Road
 Rotherwas Industrial Estate, Herefordshire
 HR2 6JU, United Kingdom

For Support, please email us:
 Email: info@powerflowenergy.co.uk
www.powerflowenergy.com.

EN

PF-ERS6-USER-V1.1

Energy Recovery System: ERS 6 Blue Edition
 User Guide



Thank you for supporting us by purchasing a PowerFlow Energy Recovery System. You now own the fastest reacting, most advanced, export energy controller on the market today. The PowerFlow E.R.S is a fully automated intelligent device that manages the recovery of exported energy from a solar or wind renewable generation system. No user input is required for ERS operation other than the manual override should you wish to boost your heating device. The main purpose of this guide is to explain how the user interface operates. Please pay particular attention to the Legionella advice on the back page. For your peace of mind, PowerFlow E.R.S and F-POINT *technology*® have been independently tested in association with the University of Gloucestershire to ensure regulatory compliance. Please read this user manual carefully before commencing operation. Further information can be found at www.powerflowenergy.com.