

120%*
more earnings
from batteries

impStor is designed to connect existing and new battery storage to the Smart Grid.

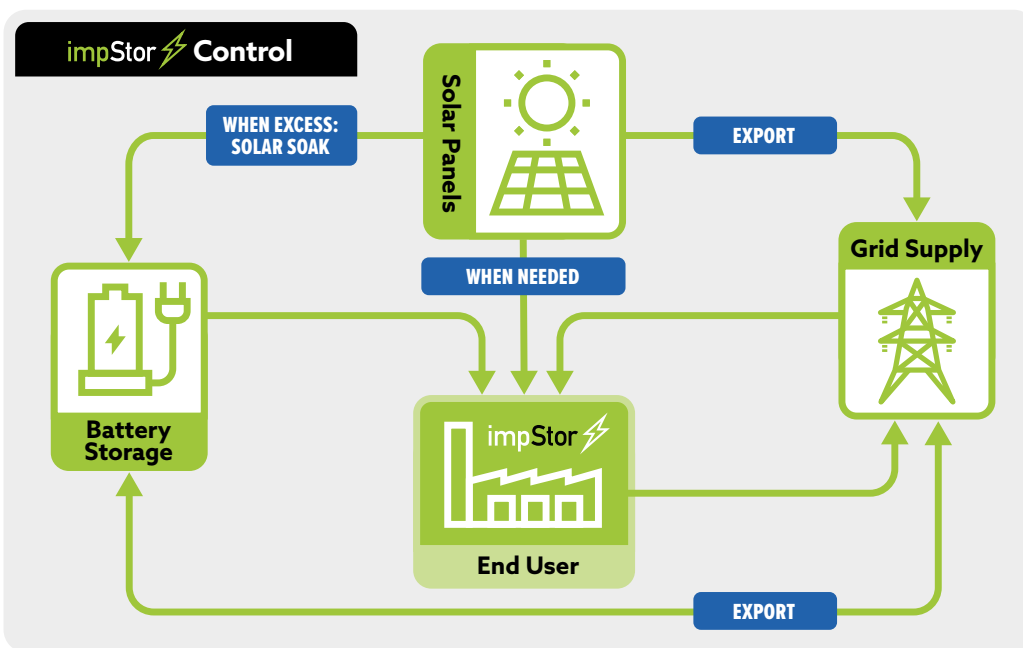
All batteries should provide basic cheap rate charging and soak up excess solar. With impStor's smart automated control you maximise the value of cheap charging, solar soak and add flexibility revenue to increase your earnings between 50% and 120%.

Benefits

- **Halves your capital payback time.**
- **Forecasts weather and usage needs.**
- **Earns you cash flexibility payments.**
- **Maximises clean solar usage.**
- **Adjusts to new tariffs automatically.**

impStor uses AI to learn your onsite energy demand requirements, forecast your needs and generation output and your ability to be flexible to make the best control decisions in real time.

Basic Control Comparison (for solar & night rate only)		Annual benefit	Improvement over basic
Manufacturer's basic control		£9,000	-
impStor Control		£11,775	31%
Additional impStor Flexibility Benefits	Value per kWh	Annual benefit	Improvement over basic
National Grid: Demand Flexibility Service	£3.00	£3,000	33%
DNO Turn Down Flexibility Programmes	£0.40	£4,800	53%
ESO & DNO Turn up Flexibility Programs	£0.40	£1,600	18%
Balancing Mechanism / wholesale	£0.25	£5,500	61%



*** Notes**
 The figures provided are estimates only and revenue generated in UK flexibility programmes is dependent on market prices at the time of participation, the renewal of schemes and the site location.
 Revenue & savings examples, based on a 100kWh battery with day rate of £0.35 and night of £0.20.
 The figures are based on an optimised basic control with forecasting capabilities.



→ **Maximise use of zero carbon auto generation and minimise import from grid: particularly at peak times (up to 300% more carbon at peak times).**

Examples of control decisions:

- 1. Hold off discharge** until peak time or, for the maximum flexibility earnings.
- 2. Hot sunny weather forecast:** automatically readjust eg. make sure battery is empty ready for soak from first thing, filling it as cheap as possible using up more solar or, filling the battery ready for high demand for cooling mid-day.
- 3. Learns your demand habits** and changes states of charge and discharge as your needs change.

→ Why choose impStor

It's suitable for all businesses and maximises your assets' performance. It is easily installed and commissioned by your preferred electrical engineer to get you up and running quickly.

It's time to get smart with impStor

Get in touch...

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