



mixergy<sup>®</sup>

## INTELLIGENT HOT WATER FOR SMARTER HOMES

Cut energy bills, meet regulatory requirements, and support healthier living.

# AWARD- WINNING TECHNOLOGY

Smarter hot water is here, connected, intelligent, and built for efficiency.

We're turning hot water into a smarter, cleaner energy asset. From day-one design in new builds to social housing retrofit, we cut bills and reduce carbon. Our connected cylinders unlock efficiency where it matters most.

By shifting demand intelligently, we create space on the grid for more wind and solar, helping homes and networks go greener, faster. For social landlords, smart monitoring tools improve comfort, support healthier living, and reduce costs. It's practical innovation, built to deliver today and lead into tomorrow.

**Smarter hot water** Connected, intelligent, and always efficient.

**Unlocking renewables** Smarter grid demand to boost capacity for wind and solar.

**New builds** Powering smart design from day one.

**Existing homes** Retrofit solutions that save today and last.

**Affordable living** Helping people lower their bills.

**Healthier homes** Empowering social landlords with smart monitoring.



*Proud winners of the 2025 Kings  
Award for Enterprise in Innovation*





**We transform hot water storage into an  
intelligent, connected energy asset**

# SMART HOT WATER SOLUTIONS

Mixergy's range of hot water solutions will fit into any housing specification and can be connected with a variety of heat sources, any time, including solar PV, heat pump or gas/oil boiler. Our technology can be configured to suit the needs of individual homes, and includes integrated heat pump cylinders and thermal stores.

Installation is as simple as a conventional cylinder, and our team will deliver comprehensive training and onboarding materials to ensure a seamless handover.

Remote diagnostics allows landlords to monitor their systems, carry out automatic legionella cleansing cycles and have real-time insights into the status of their cylinder fleet. This will lead to safer, healthier homes and lower maintenance costs.



### Unique volumetric heating

Only heat what you need and save on hot water bills.



### Heat faster

Mixergy delivers hot water up to 10x faster



### Flexible heat source

Connect with a gas or oil boiler, electric heating, solar PV or heat pump.



### Complete control - Mixergy app

Features machine learning, schedule setting and smart tariff integration

## Mixergy X

Mixergy's patented engineering is designed to reduce carbon, save money and future-proof the home. Mixergy cylinders deliver hot water up to 10 times faster than conventional cylinders.

For households with or without solar PV, and even for those who are considering it in the future, Mixergy smart cylinders are available as direct or indirect, and for vented or unvented systems.

## Mixergy X

PV & HEAT PUMP READY



### Sizes

120L - 500L

### Types

Indirect, Direct

### Diameters

Standard - 582mm  
Slimline - 485mm

### Heat source compatibility

Gas or Oil Boiler,  
Direct Electric,  
Heat Pump and/or  
Third Party Solar  
Diverter

## Mixergy Solar X

Engineered for performance, Solar X uses intelligent controls and integrated machine learning to store excess PV energy as hot water, delivering one of the most effective ways to improve SAP performance and EPC ratings.

The Mixergy Solar Diverter monitors your solar power and automatically diverts the excess energy for the hot water.

## Mixergy iHP X

The Mixergy iHP X is ideal for all-electric homes and energy efficient properties. It's top-down boost technology delivers hot water in under 30 minutes and allows for a smaller cylinder. It's up to 10 times faster than other heat pump cylinders. iHP X leads its category in energy performance, achieving the highest SAP scores of any integrated heat pump cylinder on the market.

## Mixergy Cube X

The Mixergy Cube X is a simpler and more convenient smart hot water solution for housing providers to specify for projects which can't accommodate a G3 installation, with no legionella risks. Using Mixergy's unique 'heat what you need' smart technologies, homes will save on their hot water bills, whilst being sure of having the hot water they need, all year round.

## Mixergy Solar X



SOLAR DIVERTER &  
HEAT PUMP READY

<b>Sizes</b>	120L - 500L
<b>Types</b>	Indirect, Direct
<b>Diameters</b>	Standard - 582mm Slimline - 485mm
<b>Heat source compatibility</b>	Embedded Solar Diverter, Gas or Oil Boiler, Direct Electric and/or Heat Pump

## iHP X



INTEGRATED HEAT  
PUMP AND PV READY

<b>Sizes</b>	120L - 250L
<b>Types</b>	Integrated Heat Pump Head Unit
<b>Diameters</b>	Standard - 580mm
<b>Heat source compatibility</b>	Integrated Heat Pump, Solar PV

## CUBE X



<b>Sizes</b>	150 - 210 litres
<b>Types</b>	Open vented thermal store
<b>Diameters</b>	Standard - 580mm
<b>Heat source compatibility</b>	Direct electric, Solar PV

# IO DASHBOARD

The Mixergy io dashboard is an easy-to-use platform that gives visibility and control over all the Mixergy smart cylinders installed in their properties.

## What it does:

### **Fleet management**

View and manage all connected Mixergy cylinders installed in your properties, in one place

### **Remote monitoring**

See cylinder usage patterns, energy consumption and heating behaviour, helping you track performance across your portfolio

### **Smart diagnostics**

Get notified early and identify issues such as connectivity loss, abnormal heating or underperformance, so problems can be affected before tenants are affected

### **Remote support**

Check if a property has hot water, review system status and make remote adjustments, like heating schedules or top-up levels, and carry out legionella cleansing cycles

### **Data reporting**

Export data to demonstrate energy savings and carbon reduction or to support simpler and more accurate Environmental, Social, and Governance (ESG) reporting for decarbonisation funding and EPC compliance

## Why it matters:

- **Reduce callouts**  
Resolve many issues remotely, saving time and money by reducing unnecessary visits
- **Support tenants quickly**  
Diagnose and fix hot water issues quickly, with real-time insight into system status
- **Track sustainability performance**  
Use clear data to measure carbon savings and prove the impact of energy upgrades
- **Manage vacant plots with ease**  
Remotely monitor hot water systems before homes are sold

## Easy to control with the Mixergy app

With the Mixergy app, homeowners and tenants can manage their hot water anytime, from anywhere. Smart features like tariff integration and personalised scheduling make it easy to cut costs without compromise.

### Manage

Always know how much hot water is available and boost whenever needed.

### Smart tariffs

Set schedules and integrate with smart tariffs like Octopus Agile to heat water when energy is cheapest.

### Monitor

Track your use, compare with others and always get the most out of your cylinder.

### Schedule

Set schedules and integrate with smart tariffs that heat water when electricity is at its cheapest.



## Mixergy gauge

For quick control without the app, every Mixergy cylinder includes an easy-to-use gauge, making hot water simple for everyone.



# NAVIGATE COMPLIANCE WITH EASE

**The Future Homes Standard (FHS)** is due to be implemented in 2025, and will require new homes to be significantly more energy-efficient and low-carbon, with the goal of reducing carbon emissions by 75-80% compared to current Building Regulations. This will be achieved through measures like low-carbon heating systems, improved insulation, and airtightness.

**The Home Energy Model (HEM)**, a new government methodology for assessing energy performance, will be used alongside the FHS to ensure compliance and provide more accurate energy assessments.

At Mixergy we are ensuring our technology is futureproofed and ready to comply with upcoming regulations.

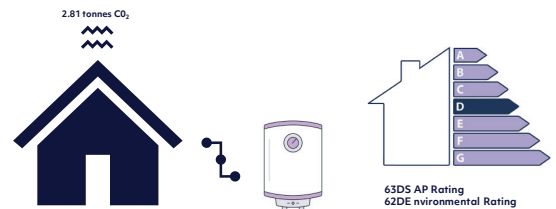
## Meet SAP regulations

Mixergy cylinders are officially recognised in Appendix Q for offering significant uplift in SAP and RdSAP scores.

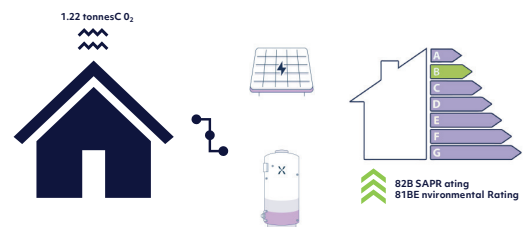
## Boost your EPC

We can help take properties above a C rating, particularly when paired with solar PV and/or boilers.

### Conventional cylinder



### Mixergy cylinder



Modelling of a 1950s 3 bedroom house with a gas boiler



## Birmingham City Council retrofit programme – significant money and energy saving and carbon emissions reduced

Birmingham City Council has installed Mixergy's 'heat what you need' cylinders in nearly 1,000 properties and more installations are planned in the future. The project is part of its retrofit programme in East Birmingham and is helping the Council close the gap to its 2030 net-zero target.

To upgrade existing hot water systems, the Mixergy cylinders were installed just like standard unvented cylinders, ensuring minimal disruption for residents during the installation process. Mixergy's remote diagnostics platform, Mixergy io, enabled the council and contractors to seamlessly monitor cylinder adoption without the need for in-person tenant visits. This ensured that all cylinders are properly configured and functioning as intended.

# THE RESULTS

"I can spend more money on my grandchildren. It's the best thing the council has ever done."

Dorothy, tenant

**328,587 kWh**  
in energy savings

delivered over 2 years  
with Mixergy systems

**172.04 tonnes**  
carbon emissions saved

in just two years compared  
to traditional cylinders

Tenants saved  
**£286, 745**  
on energy bills

amounting to approx.  
£286 annually per  
household

# Cala Homes East cuts carbon by 250kg per home with Mixergy Solar X

At Cammo Meadows in Edinburgh, Cala Homes (East) equipped 164 new-build properties with Mixergy Solar X cylinders, integrated with solar PV and gas boilers. The result? Homeowners heat only the water they need, dramatically cutting energy use and carbon dioxide emissions, up to 250 kg per household each year

Quick to install and SAP-ready (thanks to Appendix Q approval), these cylinders offer developers compliance, simplicity, and size-saving benefits

Families report using just 35–45% of the tank most days, recovering in under 12 minutes, and enjoying long stretches without the gas boiler even kicking in, saving carbon and cost

Mixergy's smart, app-enabled controls, combined with a simple gauge, give full confidence and control, maximising solar use, cutting bills by up to 40%-60%, and supporting a cleaner, smarter home.

## Homeowner at Cammo Meadows

“We rarely use the whole tank, we’re only ever heating 35%-45% of the tank to meet our needs. When we have visitors, we can easily boost the tank to meet the extra demand.”



I love the fact that our homeowners come to life when we explain how Mixergy works. It's simple and effective. Contractors also like the product as they find it easy to install, just like a traditional cylinder.

**Philip McCulloch, Technical Director, Cala Homes (East)**

# SMARTER HOT WATER. TANGIBLE GAINS.

## SAVES MONEY

### Lower bills

We can reduce hot water bills by as much as 40% - 60%, are simple to use and require no special user requirements.

## EASIER SERVICING

### Remotely service your cylinder fleet

Monitor your cylinder fleet with our remote diagnostics, set them to holiday mode and reduce service visits to the home.

## MEET COMPLIANCE

### Lower your compliance costs

Officially recognised to boost the EPC rating or improve the SAP performance.





Speak to our team

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*Claims are based on real-world data from our customers and trial sites. Individual results may differ. All data was accurate at the time of capture and compared to average energy costs at that period.*



**WRAS**  
APPROVED PRODUCT

**CIPHE**

**hot water  
association**