

tepeo

# The better boiler guide

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A simple guide comparing low-carbon heating options in 2026.





## Replacing your heating system is a big decision.

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For many years, most people simply replaced their old boiler with another gas or oil boiler.

Today, homeowners have more choice, including heat pumps and heat battery boilers. That choice is a good thing, but it can also feel confusing.

This guide explains the main options in plain English, so you can feel more confident before choosing your next heating system.



# Why your next boiler choice matters

The right choice needs to work for your home, your budget and your future plans. When comparing your options, think about:



## Reliability

Choose a robust heating system that you can depend on.



## Affordability

Running costs matter, not just the upfront price.



## Environmental impact

More homeowners want to move away from fossil fuels.



## Home suitability

Not every technology suits every property.



## Disruption

Installation needs to fit around real life.



## Future-readiness

Your next heating system should make sense for the years ahead.

# Your main boiler replacement options



## Gas boiler

A traditional gas boiler burns mains gas to heat water for your radiators and hot water.

It is familiar, widely used and usually straightforward to replace. However, it still relies on fossil fuel and produces carbon emissions when used.



## Electric boiler

An electric boiler uses electricity to heat water directly for your radiators and hot water.

Electric boilers are usually compact and do not need a flue or gas connection. However, because they use electricity as it is needed rather than storing heat, running costs can be high if they operate during peak electricity periods



## Heat pump

A heat pump uses electricity to move heat from the air outside into your home, via radiators or underfloor heating, and heats hot water in a separate cylinder.

Heat pumps can be very efficient when designed and installed well. They are a strong low-carbon option for many suitable homes, particularly where the property can work well with lower-temperature heating.



## Heat battery

A heat battery boiler uses electricity to store heat, then releases that heat to your radiators when your home needs heating. It is usually paired with a hot water cylinder for hot water.

The ZEB from tepeo is a heat battery boiler. It is designed to provide familiar central heating, without gas, and without an outdoor unit.

In simple terms:  
It charges like a battery.  
It heats like a boiler.

# Quick comparison

Use this table as a starting point. Every home is different, so the best option will depend on your property, heating system, budget, available space and preferences.

What to compare	Traditional gas boiler	Electric boiler	Heat pump	ZEB heat battery boiler
<b>How it heats your home</b>	Burns gas to heat water	Uses electricity to heat water directly	Moves heat from outside into the home	Stores electricity as heat, then releases it when needed
<b>Eco credentials</b>	Uses fossil fuel and creates emissions at home	Usually higher-carbon peak electricity	Low-carbon heating with no emissions at home	Low-carbon electric heating with no emissions at home
<b>Installation</b>	Familiar like-for-like replacement	Usually simple in suitable homes	Can be more involved and may need system changes	Designed as a lower-disruption boiler replacement
<b>Space needed</b>	Usually fits where the old boiler was	Usually compact and installed indoors	Needs space for an outdoor unit and indoor equipment	Installed indoors with no outdoor unit or flue
<b>Existing radiators</b>	Usually kept	Usually kept	Can often be kept, subject to suitability	Usually kept
<b>Day-to-day feel</b>	Familiar central heating	Familiar central heating	Comfortable consistent heating but with a longer heating pattern and lower radiator temperatures	Familiar boiler-like heating experience
<b>Running cost factors</b>	Depends on gas prices	Very costly if used in the mornings or evenings	Very efficient and cost effective in suitable homes	Designed to charge using cheaper off-peak electricity
<b>Best suited to</b>	Like-for-like replacement	Smaller or lower heat demand homes	Homes with sufficient outdoor space where the required changes are practical	Homes where a heat pump may be difficult or disruptive
<b>Support available</b>	No low-carbon heating grant	Usually no BUS grant	£7,500 BUS grant support available	tepeo currently offers an early £2,500 BUS grant match

# Discover the tepeo heat battery boiler



## Cleaner, smarter heating

The tepeo ZEB heat battery boiler stores cheaper off-peak electricity as heat in a high-density ceramic core, then releases it to your radiators or underfloor heating when your home needs it.



## Cost-effective & convenient

The ZEB learns your heat use, checks the weather and follows your tariff, so it charges at the right time; not just for the sake of it. You can also manage settings, view live status and boost your heating through the tepeo app.



## Easy to install, use & maintain

The ZEB is designed as a straightforward heat-only boiler replacement. It works with familiar wet central heating and can typically be installed in 1–2 days, with no bulky outdoor unit and minimal disruption.





## A better boiler, **sooner.**

From winter 2026, heat batteries are expected to be included in the Boiler Upgrade Scheme. It's a major step forward for the technology and a strong sign that heat batteries are becoming part of the UK's low-carbon heating future.

But you don't have to wait.

tepeo is offering an **Early Grant Match** so that suitable homes can get **£2,500 off now**, rather than waiting for the scheme to launch and completing complicated paperwork.



### **Skip the queue**

Get ahead of the rush by securing your heat battery boiler independently, today.



### **Free, no obligation Home Survey**

Our installers will visit your home and be able to tell you if the ZEB is the right fit.



### **Avoid grant paperwork**

No need to complete a government grant application.

**Ready to lock in your £2,500 discount? —>**



## Ready for smarter heating?

Take our quick 60-second **Home Check** to see if a heat battery boiler is the right fit for your property.

If your home is suitable, you will be able to book a call with our sales team, at a date and time that suits you, to talk through your requirements in more detail.

[Take the Home Check](#)

### Or, get in touch today

Our team is here to help you find the right heating solution for your home.



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