

SMARTER STORAGE HEATING

ECOHHR PLUS - IEM TECHNOLOGY

THE SIMPLE IDEA

Instead of simply charging the heater to maximum every night, **IEM works out how much stored heat is likely to be needed** and adjusts the charging accordingly.

What is IEM?

IEM refers to Integral Energy Manager technology. It is the intelligent control system in the ECOHHR PLUS range. It manages how much energy the heater stores and how stored heat is released, taking heating demand and conditions into account.

1 SENSE	2 CALCULATE	3 ADJUST
Monitors conditions and the heating requirements.	Works out how much stored heat is likely to be needed.	Adjusts the charge instead of storing heat that is not required.

Does it only charge when my home is cold?

Not exactly. The ECOHHR PLUS is still a storage heater. It is designed to use available low cost/off-peak electricity to store heat for later use.

IEM does not simply wait for the room to become cold and then switch the storage heater's balancing elements on.

Instead, it predicts and responds to the amount of heat required, then adjusts the amount it charges. A milder period can require less stored energy, while greater heating demand can result in more energy being stored.



**LESS WASTED
HEAT**



**MORE
CONTROL**



**LOW COST
ENERGY**

A simple example

In milder weather, your room temperature will be higher	Less heat expected	IEM can reduce the amount charged
In colder weather, your room temperature will be lower	More heat expected	IEM can increase the amount charged
Heat needed at home	Stored heat needs releasing	The ECOHHR PLUS manages heat delivery

IEM technology helps the heater avoid the old-fashioned approach of “charge it fully just in case”. It aims to store the **right amount of heat for the expected demand** and then deliver that heat when it is needed.