

Storage Heaters: What Are They?

A **storage heater** stores cheap night-time electricity and releases the heat slowly through the day. They are best used with **Economy 7** or **Economy 10** tariffs.



Why Are They Useful?

- Uses cheaper off-peak electricity
- Steady daytime warmth
- Can lower heating costs
- No gas supply needed

How Do They Work? 🤔

- Heats internal bricks overnight
- Bricks store heat
- Heat is released gradually during the day
- You control:
 - **Input** → heat stored overnight
 - **Output** → heat released during the day

⚠️ **Boost** creates new heat during the day but uses expensive electricity

Efficient Daily Use

At Night 🌙

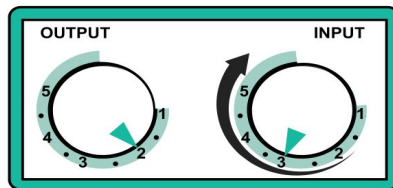
- Output → Low so minimum heat is used
- Input → Set based on tomorrow's weather

During the Day ☀️

Suggested Output on Output control dial:

- Morning: 3
- Afternoon: 2
- Out of house: 1
- Evening: 5

Keep Output low until you need extra warmth



Choosing Input by Season (Input Control Dial)

- Summer ☀️ : 1
- Spring 🌸 : 1-3
- Autumn 🍁 : 1-3
- Winter ❄️ : 5-6

Understanding the Controls 🕶️

Input (Heat Stored Overnight)

- Higher = more heat stored
- Lower = less heat stored
- Increase for cold weather
- Reduce for warm days

Output (Heat Released During Day)

- High = quick warmth, heat runs out faster
- Low = slow release, lasts longer

Modern Storage Heaters

Modern heaters often include:

- Digital display
- Thermostat
- Timers
- Automatic charging
- Heating programmes

They adjust heat storage based on weather and your chosen room temperature (usually 18–21°C).

Safety Tips

- Never cover the heater
- Don't dry clothes on it
- Keep furniture 30 cm away
- Keep curtains 7.5 cm above
- Don't block airflow

SAFETY



Saving Money

- Use **Economy 7/10**
- Know your off-peak hours (varies according to energy supplier)
- Keep Output low until needed
- Adjust Input daily
- Turn heaters off in warm weather
- Avoid Boost unless essential

If Your Heater Stops Working:

- Renting → tell your landlord
- Homeowner → call a qualified engineer
-  Never try to repair it yourself 

Boost Setting ☐

- Gives instant heat
- Uses expensive daytime electricity
- Only use when stored heat has run out

Replacing Old Heaters

Modern high-retention heaters:

- Store heat better
- Lose less overnight
- Keep rooms warmer
- Can reduce bills

Key Words

- **Storage Heater** — stores cheap night-time heat
- **Off-Peak Electricity** — cheaper, overnight
- **Peak Electricity** — expensive, daytime
- **Input** — heat stored
- **Output** — heat released
- **Boost** — costly instant heat
- **Economy 7/10** - 12am-7am:off-peak/12am-10am:off-peak