



INFORMATION ABOUT THE NEW ENERGY LABEL FOR TELEVISIONS AND ELECTRONIC DISPLAYS



#EnergyLabel

Now on display: Saving energy from A to G.
energylabel.org.uk

INTRODUCTION

The energy label has supported consumers in the search and selection of energy efficient appliances for more than 25 years. It has driven the development of innovative, energy efficient products, dramatically reducing the energy consumption and running costs of appliances. As consumers became more environmentally aware, products started to be more energy efficient, occupying the top of the scale. The top categories had to be expanded by bringing in the '4' signs, making it more difficult for consumers to identify the most energy efficient models.

Introduced on **1 March 2021** the new rescaled energy label will help you on

your quest for energy efficient products and will encourage manufactures to develop even more energy efficient technologies in the future.

The rescaled energy label for televisions and electronic displays has undergone some changes. The overall design is very similar to the old energy label but contains the rescaled energy efficiency scale from A to G and a QR code has been added. The QR code links directly to a page where you can find further information about the product.

This rescale also includes household refrigerators and freezers, washing machines, and combined washer-dryers. Read more on energylabel.org.uk.

Tips for using or buying a television or electronic display

- 1 The display's energy consumption can be affected by the selected brightness. If you want to reduce the energy consumption, you can adjust the brightness without compromising the image quality. If you enable the automatic brightness control (ABC) the brightness will automatically adjust according to the surrounding light level.
- 2 Bigger displays can have a higher energy consumption than smaller displays. Be sure to consider the size when buying a new display.
- 3 You can also reduce energy consumption by lowering the resolution of the TV's display.
- 4 Power saving modes are a common feature of TVs and can significantly decrease energy consumption. Many TVs are set to this mode on delivery, but it could be worth checking that this has been set up. Power saving mode also ensures that the display is automatically turned off after a set time of no activity.

ENERGY LABEL – TELEVISIONS AND ELECTRONIC DISPLAYS

Energy efficiency scale

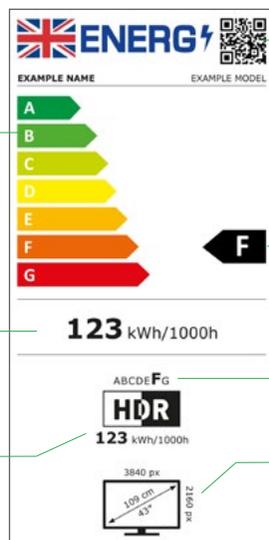
A to G

Energy consumption

in standard dynamic range mode (SDR) per 1000h (kWh)

Energy consumption

in high dynamic range mode (HDR) per 1000h (kWh)



QR code

Energy efficiency class

of product

Energy efficiency class

of displays in HDR mode

Screen diameter

(cm, inch), horizontal and vertical resolution (Pixel)



From **1 March 2021** computer screens will be covered by ecodesign and energy labelling requirements.

Be sure to look for the new energy label in the stores and the energy arrow online and in advertising materials when you are shopping.

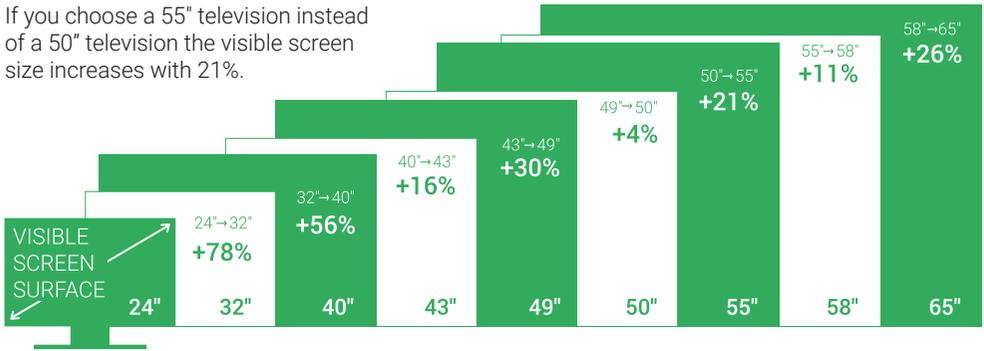
SECOND LIFE

If your television is still functional but no longer suited to the room it's in, consider giving it a second life. It may have become too small for the living room but could still fit your needs elsewhere, for example a bedroom.

All electrical and electronic equipment is subject to special disposal requirements. Please dispose of electrical and electronic equipment safely.

Find out more about the new energy labels at energylabel.org.uk.

If you choose a 55" television instead of a 50" television the visible screen size increases with 21%.



Indecisive between two sizes?

The difference in inches may not seem like a lot but going a size up or down means a big difference in the visible screen surface. The energy consumption is related to the size of the display.

When on the lookout for a new television you should consider the viewing distance from your seat to the placement of the screen. The recommended viewing distance is between 2,5-3,5 x the size of the television. So, for a 50" television

the recommended viewing distance is 3,2-4,40 meters. Choose a screen size accordingly to ensure an optimal user experience. You will get the optimized viewing experience when the screen occupies approximately 40% of your field of view.

You should also consider placing the television at a height that is comfortable for the viewers. The recommended height is eye level, so that you do not strain your neck or eyes by looking at an up- or downwards angle when seated.



All electrical and electronic equipment is subject to special disposal requirements. Please dispose of electrical and electronic equipment safely.

Find out more about the new energy labels at energylabel.org.uk



This project is funded by the European Union

energy saving trust

The Label 2020 project has received funding from the European Union's Horizon 2020 research and innovation program under Grant Agreement Number 847062. The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EASME nor the European Commission are responsible for any use that may be made of the information contained therein.