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## A COMPLIANCE SERVICES PROJECT PRESS RELEASE

# New and updated energy labels for smartphones, tablets and tumble dryers provide essential product information for consumers

*Energy labels are a transparent tool that enable consumers to compare products from within numerous product categories, and thereby select models with more energy efficient performance, which lowers consumers bills, protects the environment and contributes to energy security.*

*Due to the market developments, new or updated energy labels are being introduced in order to provide consumers with relevant information for their purchasing decisions.*

*As of 20th of June 2025, **new smartphones and slate tablets** will be labelled with a new label, informing consumers not only about energy efficiency but also robustness against damage and liquids, battery lifetime and repairability.*

*Starting in July 2025, an updated energy label and minimum energy efficiency requirements for **household tumble dryers** will be introduced, including access to more product information, in order to ensure higher quality products and protecting the consumers.*

*Consumers will therefore benefit from essential new information relevant for their product choice for both of these product categories.*

### **A new energy label for smartphones and slate tablets**

A brand new energy label for smartphones and slate tablets starting on the market on 20<sup>th</sup> June 2025, will inform buyers not only about energy efficiency, but several other product features relevant for their purchase decisions. [This includes robustness against free fall damage, repairability and liquid ingress protection.](#) Furthermore, the label provides information about the [battery endurance per charging cycle](#), and the total minimum lifetime of the battery.

This information – not available to consumers to date - will support comparison of product models and an informed purchasing choice.

New mandatory requirements for products furthermore ensure that all product models offered in the EU will meet a certain quality and efficiency level. Products not meeting these requirements may no longer be sold in the EU market. For example, [batteries](#) must withstand at least 800 charge and discharge cycles while retaining at least 80% of their initial capacity. Spare parts for repair must be

made available by suppliers within 5-10 working days, and need to be available at least 7 years after the end of placement of the product model on the EU market. Also, longer availability of system upgrades is mandatory and professional repairers must have full access to any software or firmware needed for updates or repair.

The product categories covered by these regulations include smartphones and feature phones with an integrated 4-7 inch touch screen as well as tablets with 7 to 17.4 inch screen size.

The new regulations do not apply to tablet computers with external keyboard, to products with flexible main display (roll-up), and to smartphones for high security communication.

## Updated energy labels and minimum energy efficiency requirements for household tumble dryers

Starting in July 2025, the combined update in energy labelling and minimum efficiency requirements for tumble dryers will increase – for new models entering the market – the requirements for energy efficiency, for condensation efficiency, and low power mode, as well as the availability of spare parts, list of information to be made available to consumers, and a more suitable provision of energy consumption data on the energy efficiency label.

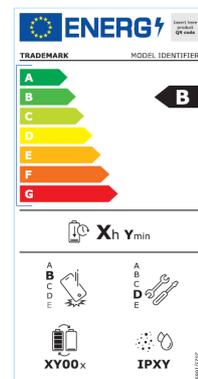
After July 2025, tumble dryer models only with heat pump technology – due to the increased efficiency requirements, will be allowed to enter the EU market, bringing further savings to consumers. Older, less efficient models - while required to have the new energy labels - can be sold to consumers indefinitely.

Spare parts must be available for at least 10 years after placing the last unit of the tumble dryer model on the market and within 15 working days after receiving the order.

## What are the key benefits?

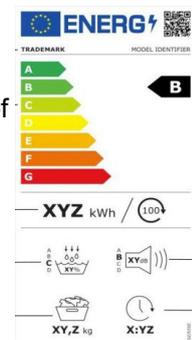
### Smart phones and slate tablets:

- 30% reduced battery charging time per day and a corresponding increase of the trickle charge time.
- For high-end smartphones a reduction of 25% in annual electricity consumption and 23% for tablets.
- Total EU electricity savings of 2.2 TWh/a in 2030, a 31% saving compared to a scenario without measures.
- In 2030, the EU27 combined acquisition and energy savings are expected to reach some € 20 billion.



### Tumble dryers:

- Switching to one of the most efficient tumble dryers can reduce energy consumption by around 60%.
- With more efficient tumble dryers, Europe will be able to save up to 15 TWh of electricity between 2020 and 2040, equivalent to 2.5 times the annual final energy consumption of Malta.
- In 2020, the tumble dryer energy consumption, thanks to energy labelling and minimum efficiency requirements, was lower by 49%.
- Savings in 2030 are comparable to electricity consumption of Lithuania.



All of these changes are based on the Ecodesign Regulation ([EU\) 2023/1670](#) and on the Energy Labelling Regulation ([EU\) 2023/1669](#) for smart phones and slate tablets, and for tumble dryers on the Ecodesign Regulation ([EU\) 2023/2533](#), and the Energy Labelling Regulations ([EU\) 2023/2534](#).

The European project **Compliance Services** is working with suppliers, dealers, installers and other professional stakeholders to help them adapt to the new regulations, so that the full intended benefits for consumers and the EU market are achieved.

Project activities include webinars, e-learning, guidelines and individual consultations for industry representatives also for other relevant product categories.

More about the project: <https://www.product-compliance-services.eu/>

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