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More detailed information about these and other Eco-design Regulations are available on our website:

[www.bis.gov.uk/nmo/eup](http://www.bis.gov.uk/nmo/eup)

The Department for the Environment, Food and Rural Affairs (Defra) is the policy lead for the Eco-design of Energy Related Products Regulations in the UK:

[www.efficient-products.defra.gov.uk/eup](http://www.efficient-products.defra.gov.uk/eup)



## Simple Set Top Boxes

The Eco-design requirements for simple set-top boxes

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## Simple Set Top Boxes

The Eco-design requirements for simple set-top boxes.

On 25th February 2010 the Eco-design requirements of Commission Regulation (EC) No 107/2009 for the electric power consumption of simple set-top boxes came into force.

### Why Simple Set-Top Boxes?

It has been estimated that the number of simple set-top boxes placed on the European market will grow from 28 million in 2008 to 56 million in 2014, increasing annual electricity consumption by approximately 133% and making simple set-top boxes one of the priority product groups for Eco-design.

### What is the Scope of the Regulation?

The Regulation applies to most set-top boxes which once connected to a television, convert free-to-air digital broadcast signals which are then displayed on the television screen.

There are some specific exemptions to the Regulation. These include, but are not limited to, set-top boxes that allow conditional access through paid subscription services. Also, any set-top boxes that offer any recording functions based on removable media.

Specific details of the scope of the Regulation are linked from our website.

### Requirements

The Eco-design requirements for the power consumption of simple set top boxes will be implemented in two stages as follows:

Requirements from 25th February 2010		
	Standby Mode	Active Mode
Simple Set Top Box	1.00 Watt	5.00 Watt
Allowance for display function in standby	+ 1.00 Watt	-
Allowance for decoding HD signals	-	+ 3.00 Watt

Requirements from 25th February 2013		
	Standby Mode	Active Mode
Simple Set Top Box	0.50 Watt	5.00 Watt
Allowance for display function in standby	+ 0.50 Watt	-
Allowance for decoding HD signals	-	+ 3.00 Watt
Allowance for hard disk	-	+ 6.00 Watt
Allowance for second tuner	-	+ 1.00 Watt
Allowance for decoding HD signals	-	+ 1.00 Watt

From 25th February 2010 simple set-top boxes shall also provide a standby mode and be equipped with an automatic powerdown or similar function.

Annex I of the Regulation details the specific Eco-design requirements of simple set-top boxes.

## Responsibilities

The manufacturer, importer, or person who first places the product on the market, is responsible for:

- ensuring the product does not exceed the maximum energy consumption requirements
- producing a declaration of conformity and affixing a CE Mark (<http://ec.europa.eu/enterprise/policies/single-market-goods/cemarking/>)
- maintaining a technical file (see EC 107/2009)
- making the technical file available to the Market Surveillance Authority upon request.

### Market Surveillance

The National Measurement Office (NMO) is the Market Surveillance Authority responsible for the enforcement of this Regulation under the Energy Related Products (ERP) Directive.