

Explanatory document about the evolution of the list of EEEs from 10 to 6 categories



Contents :

I.	New list of 6 categories	p.3
II.	The changes	p.4
III.	How to distinguish large and small appliances	p.5

I) From 01/01/2022, Ecotrel's list of EEEs will change from 10 to 6 categories in accordance with the modified grand-ducal regulation of 30/07/2013. The list now applies to all EEEs classified in the following 6 main categories:

1. Temperature exchange equipment
2. Screens, monitors, and equipment containing screens having a surface greater than 100 cm²
3. Lamps
4. Large equipment (any external dimension more than 50 cm)
5. Small equipment (no external dimension more than 50 cm)
6. Small IT and telecommunication equipment (no external dimension more than 50 cm)

II) The diagrams on pages 7 to 15 show the old categories on the left and their correspondence in the new 2022 categories on the right. Changes are indicated by arrows and color coding.

1. The categories in shades of blue correspond to those that do not change their name but are subject to a new numbering.

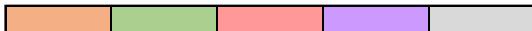


Example : former category **1.3. Medium-sized appliances** → new category **4.2. Medium-sized appliances**

The only exception is the former category **2.2. Small household appliances** which changes its numbering to 5.3. except for vacuum cleaners, which are divided into categories **4.4.** and **5.2.** according to size.

2. The color categories are divided into two distinct categories based on size:

devices larger than 50 cm and devices smaller than or equal to 50 cm.



Example : former category **1.4. Heaters and fans**

→ new category **4.3. Big heaters and fans (> 50 cm)**

and → new category **5.1. Small heaters and fans (≤ 50)**

Another exception is the former category **1.2 Large Appliances** which is divided into two categories based on technical criteria. The two new categories are: **1.2. Large appliances with heat pump**

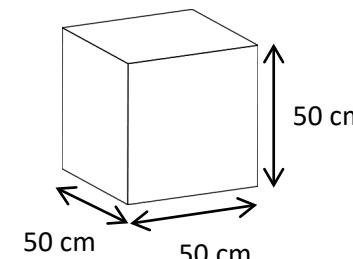
and **4.1. Large appliances**

III) How to distinguish large and small appliances?

1. The official list of EEE 2022, which can be downloaded from the website, lists in detail the devices that fall under the different categories.
2. The outside dimensions of an EEE should be measured in a **ready-to-use condition**, but without accessories such as hoses, tubes and cables. Power cables, whether fixed or detachable, are not to be measured. If an EEE has fixed retractable or detachable parts such as antennas or articulated arms, it should be packed in its most compact form to minimize its impact on the dimension. Example: A coffee machine with a long cable or a radio with an antenna are included in the small devices.
3. In terms of methodology, if the largest dimension is greater than 50 cm, the EEE belongs to category 4. If the largest dimension is less than or equal to 50 cm, the EEE belongs to category 5. For the majority of the EEE, this procedure allows to obtain easily the desired dimensions.

Examples can be found on the next page.

4. For equipment of any other shape, we suggest that you use the measurement technique using a box measuring 50 by 50 cm and place your device inside.



Examples :



→ Category 4.7. Big electrical gardening equipment and electrical tools (> 50 cm)



Height : 27,1 cm
Width : 27,2 cm
(without cable)

→ Category 5.3. Small household appliances (<= 50 cm)



Width 1 : 26 cm
Width 2 : 26 cm

→ Category 5.5. Small lighting equipment (<= 50 cm)
or if sold with 1 light source → Category 5.5.1. Small lighting equipment with 1 light source (<= 50 cm)



Height : 31 cm
(without hose)

→ Category 5.2. Small cleaning and sewing machines (<= 50 cm)



Height : 110,15 cm

→ Category 4.4. Big cleaning and sewing machines (> 50 cm)

Old category 1

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances
1.3	Medium-sized appliances
1.4	Heaters and fans
1.5	Oil-filled heater

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices

Old category 2

2.1 Cleaning and sewing machines

2.2 Small household appliances*

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices



* all devices in the category 2.2. Small household appliances which changes its numbering to 5.3. except for vacuum cleaners, which are divided into categories 4.4. and 5.2. according to size

Old category 3

3.0	Complete personal computers (case + keyboard + mouse)
3.1	Personal computers and typewriters
3.2	Monitors
3.3	Laptops, Tablets, Digital Photo Displays and Smart Displays
3.4	All-in-one devices / Fax / Hard-copy printers / Photocopiers
3.5	Small IT equipment and telecommunication devices

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices

Old category 4

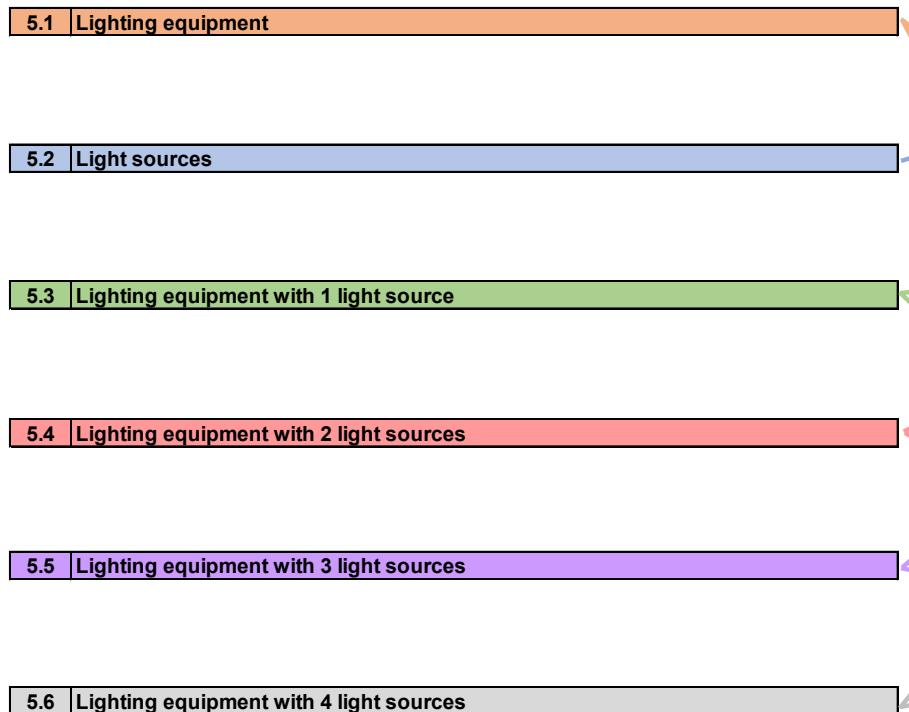
4.1	Image reproduction devices ≤ 40"
4.2	Image reproduction devices > 40"

4.3	Audio-visual devices and music instruments
-----	--

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices

Old category 5



New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices

Old category 6

6.1 | Electrical gardening equipment and electrical tools

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices



Old category 7

7.1 Toys, leisure and sports equipment under 10 kg

7.2 Toys, leisure and sports equipment over 10 kg

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices

Old category 8

8.1 | Medical equipment for domestic use

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices



Old category 9

9.1 | Surveillance and monitoring equipment with screen

9.2 | Other surveillance and monitoring equipment

New categories 2022

1.1	Refrigeration appliances and absorption freezer appliances
1.2	Large appliances with heat pump
1.3	Oil-filled heater
2.1	Monitors
2.2	Laptops, Tablets, Digital Photo Displays and Smart Displays
2.3	Image reproduction devices (≤ 40 inches)
2.4	Image reproduction devices (> 40 inches)
2.5	Surveillance and monitoring equipment with screen
3.1	Light sources
4.1	Large appliances
4.2	Medium-sized appliances
4.3	Big heaters and fans (> 50 cm)
4.4	Big cleaning and sewing machines (> 50 cm)
4.5	Big audio-visual devices and music instruments (> 50 cm)
4.6	Big lighting equipment (> 50 cm)
4.6.1	Big lighting equipment with 1 light source (> 50 cm)
4.6.2	Big lighting equipment with 2 light sources (> 50 cm)
4.6.3	Big lighting equipment with 3 light sources (> 50 cm)
4.6.4	Big lighting equipment with 4 light sources (> 50 cm)
4.7	Big electrical gardening equipment and electrical tools (> 50 cm)
4.8	Big toys, leisure and sports equipment (> 50 cm)
5.1	Small heaters and fans (≤ 50 cm)
5.2	Small cleaning and sewing machines (≤ 50 cm)
5.3	Small household appliances
5.4	Small audio-visual devices and music instruments (≤ 50 cm)
5.5	Small lighting equipment (≤ 50 cm)
5.5.1	Small lighting equipment with 1 light source (≤ 50 cm)
5.5.2	Small lighting equipment with 2 light sources (≤ 50 cm)
5.5.3	Small lighting equipment with 3 light sources (≤ 50 cm)
5.5.4	Small lighting equipment with 4 light sources (≤ 50 cm)
5.6	Small electrical gardening equipment and electrical tools (≤ 50 cm)
5.7	Small toys, leisure and sports equipment (≤ 50 cm)
5.8	Medical equipment for domestic use
5.9	Surveillance and monitoring equipment
6.1	Complete personal computers (case + keyboard + mouse)
6.2	Personal computers (without peripherals)
6.3	All-in-one devices / Fax / Hard-copy printers / Photocopiers
6.4	Small IT equipment and telecommunication devices



The Ecotrel team is at your disposal for any questions.