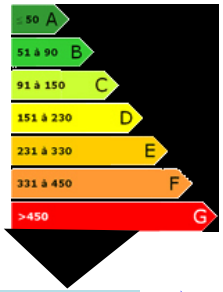
Big computer plus screen

Informatics

230V AC

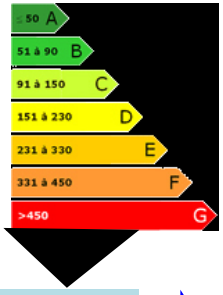


1	x	5	x	200 (-800)	=	
(number)		h / day		watts		wh

Laptop

Informatics

230V AC
12V DC*



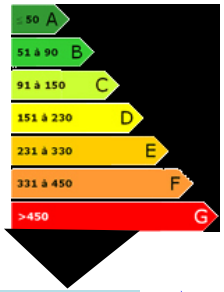
* with special adaptor

1	x	5	x	40 (20-60)	=	
(number)		h / day		watts		wh

Printer

Informatics

230V AC

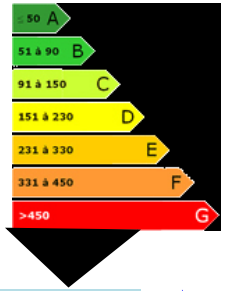


1	x	5	x	Inkjet: 20 Laser: 80	=	
(number)		h / day		watts		wh

Router/modem

Informatics

230V AC

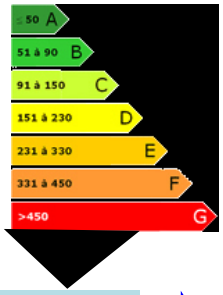


1	x	24	x	10 (5-10)	=	
(number)		h / day		watts		wh

Little gadgets for computer

Informatics

230V AC

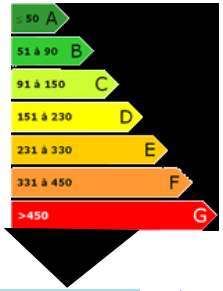


1	x	5	x	5	=	
(number)		h / day		watts		wh

Copying machine

Office

230V AC

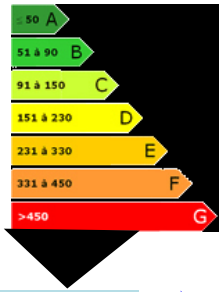


1	x	8	x	40 (-1000)	=	
(number)		h / day		watts		wh

Very old fridge combined with freezer

Kitchen

230V AC

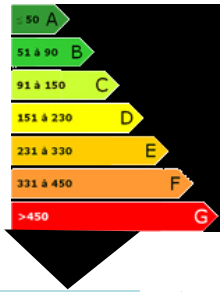


1 (number) x 1'500 Wh/day = Wh

Fridge (no freezer)

Kitchen

230V AC



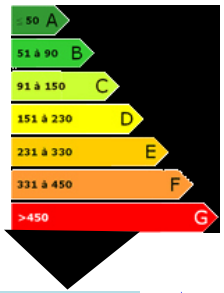
1 (number) x A: B: C: D: 350 E: 400 Wh/day = Wh

(150 litres)

Air conditioning

Household

230V AC

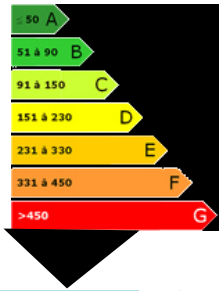


1 (number) x 10 h / day x 2000 watts = Wh

Solar fridge

Kitchen

12V DC

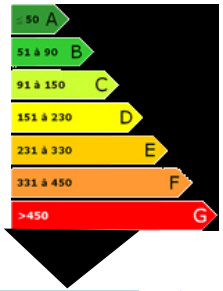


1 (number) x 250 Wh/day = Wh

Car cooling box

Kitchen

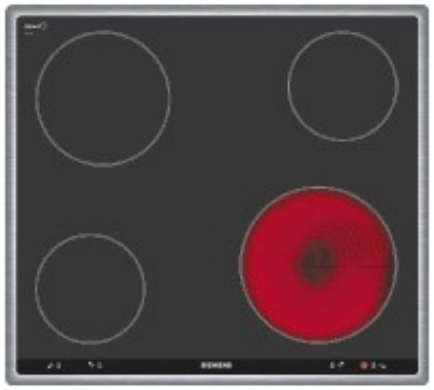
12V DC



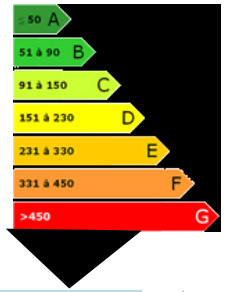
1 (number) x 1'300 Wh/day = Wh

Cooking plate

kitchen



230V AC
380V AC

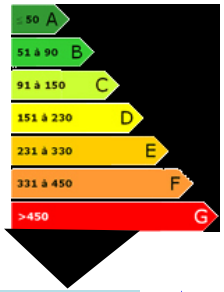


1	x	2	x	1200 (-2000)	=
(number)		h / day		watts	Wh

Electrical oven

kitchen

380V AC



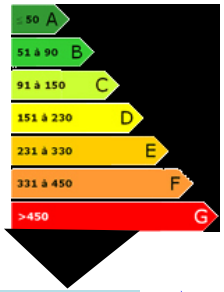
(Standard dish, medium size oven)

1	x	1250 (-2000)	=
dish		Wh	Wh

Water kettle

kitchen

230V AC

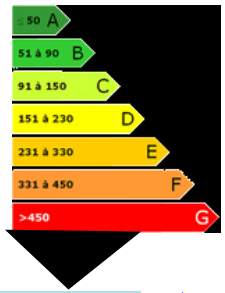


3	x	1	x	120	=
(times)		litre		Wh/l	Wh

Toaster

kitchen

230V AC

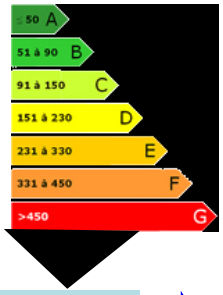


1	x	40	=
(runs)		Wh/run	Wh

Microwave

kitchen

230V AC

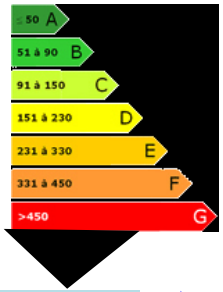


1	x	0.1	x	800	=
(number)		h / day		watts	Wh

Blender

kitchen

230V AC

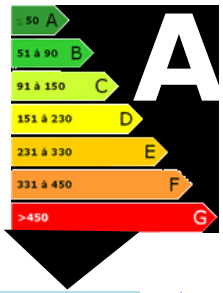


1	x	0.1	x	500	=
(number)		h / day		watts	Wh

Neon tube

Illumination

230V AC



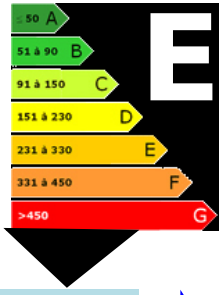
1	x	5	x	25	=	
(number)		h / day		**(15-60)** watts		Wh

Incandescent lamp

Illumination

230V AC

(Halogen or 'regular')

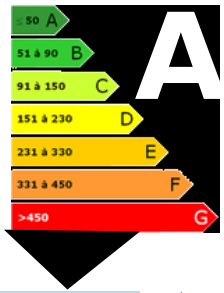


1	x	5	x	60	=	
(number)		h / day		(25-100) watts		Wh

Compact fluorescent lamp

Illumination

230V AC (12V DC)

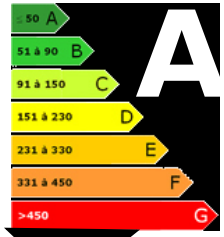


1	x	5	x	11	=	
(number)		h / day		(5-18W) watts		Wh

LED spot

Illumination

12V AC/DC



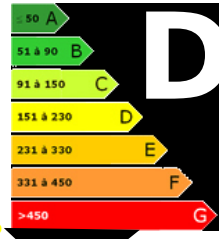
1	x	5	x	5	=	
(number)		h / day		**(3-9)** watts		Wh

Strong halogen spot

Illumination

230V AC

Stand-by ??



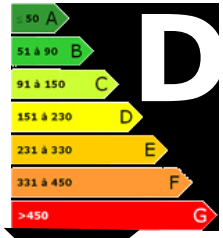
1	x	5	x	150	=	
(number)		h / day		(-300) watts		Wh

Small halogen spot

Illumination

12V AC/DC

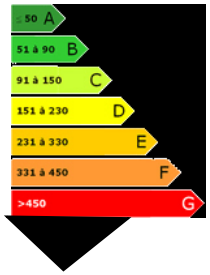
Stand-by ??



1	x	5	x	25	=	
(number)		h / day		(-40) watts		Wh

Solar cooker

Kitchen

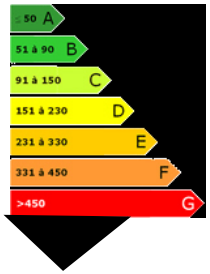


1 (number) x 5 h / day x 0 watts = Wh

Electrical house-hold water heater

Hot water

230/360V

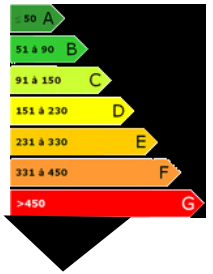


150 (litres) x 60 Wh/litre = Wh

Coffee machine

Kitchen

230V AC



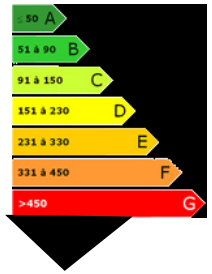
(standard values)

1 x 200 (150-550) Wh/day = Wh

Vacuum cleaner

Household

230V AC

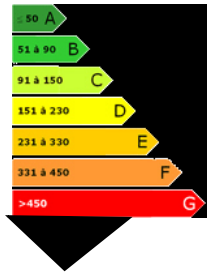


(EU: max. 900W)

1 (number) x 1/4 h / day x 800 (600-2200) watts = Wh

Solar collector (stand alone)

Hot water

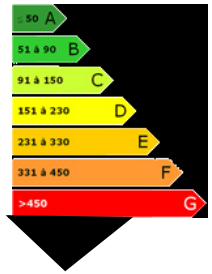


1 (number) x 24 h / day x 0 watts = Wh

Smart phone

Communication

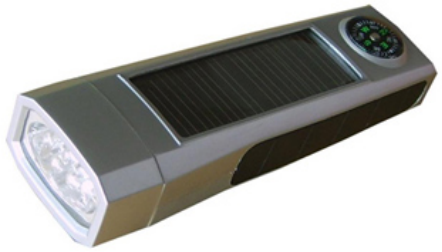
230V AC

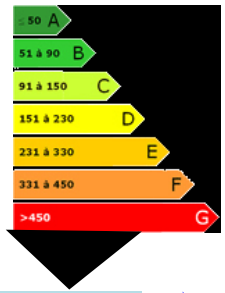


1 x 15 Wh/day = Wh

Solar torch

Illumination



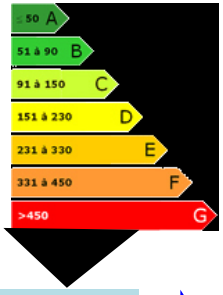


1 (number) x 1/2 h / day x 0 watts = 0 Wh

Fan

Household

230V AC

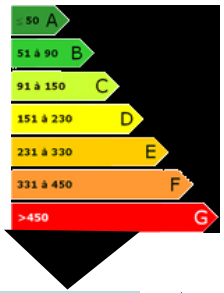


1 (number) x 8 h / day x 40 watts = 320 Wh

Solar collector (with pump)

Hot water

230V AC

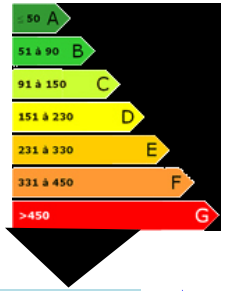


1 (number) x 10 h / day x 30 watts = 300 Wh

Tesla car

Transport

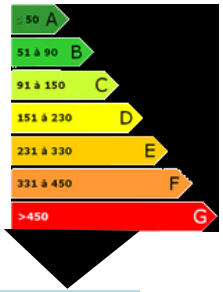
230V/400V



1 (number) x 40 km/ day x 250 Wh/ km = 10000 Wh

Bycicle

Transport

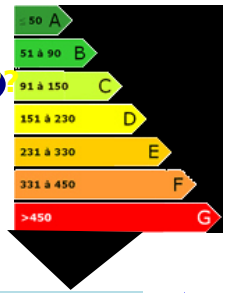


1 (number) x 1 h / day x 0 watts = 0 Wh

Playstation (etc.)

Communication

230V AC

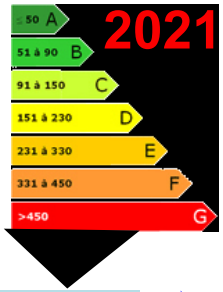


1 (number) x 2 h / day x 150 watts = 300 Wh

Dishwasher

Kitchen

230V AC

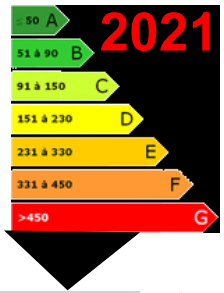


1	x	A: 900 C: 1200 F: 1600	=			
run(s)		Wh/run		Wh		

Any freezer (frontload)

Kitchen

230V AC

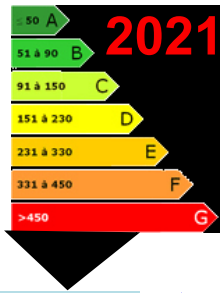


(200 litres)		1	x	**A:** **B:** **C:** **D: 500** **E: 600**	=	
		(number)		Wh/day		Wh

Any freezer (topload)

Kitchen

230V AC

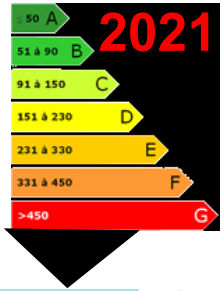


(190 litres)		1	x	**A:** **B:** **C:** **D: 450** **E: 550**	=	
		(number)		Wh/day		Wh

Any fridge combined with freezer

Kitchen

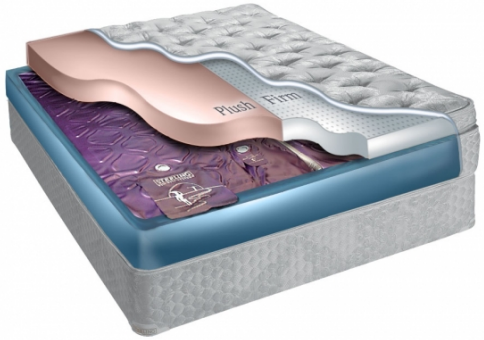
230V AC



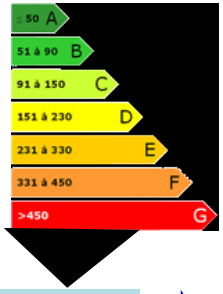
(190 + 60 litres)		1	x	**A:** **B:** **C: 450** **D: 550** **E: 600**	=	
		(number)		Wh/day		Wh

Waterbed

Household



230V AC

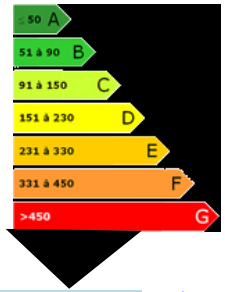


		1	x	600	=	
		(number)		Wh/day		Wh

Portable electric radiator

Household

230V AC

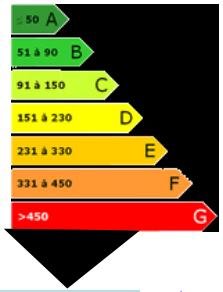


1	x	8	x	2000 (500 -2500)	=					
(number)		h / day		watts		Wh				

Big hi-fi stereo

sound

230V AC



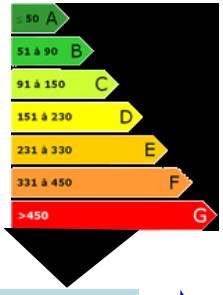
Stand-by ??

1	x	8	x	40 (30-200)	=	
(number)		h / day		watts		Wh

Car hi-fi

sound

12V DC



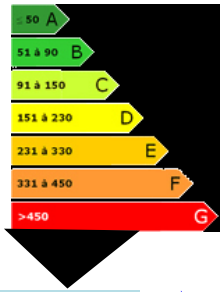
Stand-by ??

1	x	8	x	10 (-100W)	=	
(number)		h / day		watts		wh

Portable radio / hi-fi

sound

230V AC
12V DC*



Stand-by ??

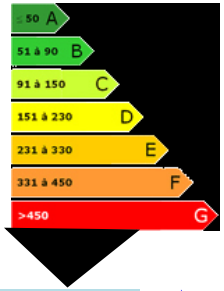
* with adaptor

1	x	8	x	5	=	
(number)		h / day		watts		wh

Cordless phone

communication

230V AC

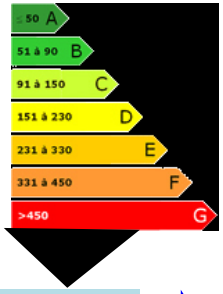


1	x	24	x	5	=	
(number)		h / day		watts		wh

mobile phone charger

communication

230V AC
12V DC*



Stand-by ??

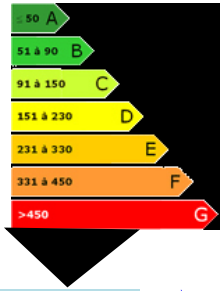
* car phone charger

1	x	3	x	5	=	
(number)		h / day		watts		wh

ipod with base station

sound

230V AC
12V DC*



Stand-by ??

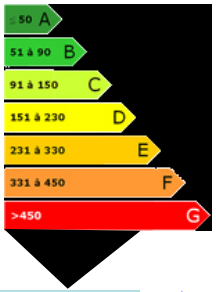
* with adaptor

1	x	8	x	5	=	
(number)		h / day		watts		wh

Nespresso

Kitchen

230V AC



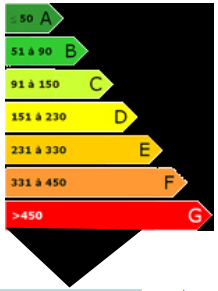
1 x 100 (80-180) Wh/day =

(standard values)

Electric fruit dryer

Kitchen

230V AC



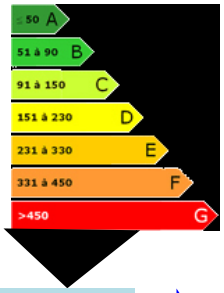
1 Charge x 7000 (4500-9000) Wh/charge =

(1.5 kg fresh fruit)

Handheld electric mixer

Kitchen

230V AC



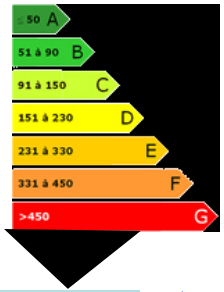
1 x 1/5 Hours/day x 250 (150-500) Watt =

Wh

Portable loudspeakers

Sound

USB

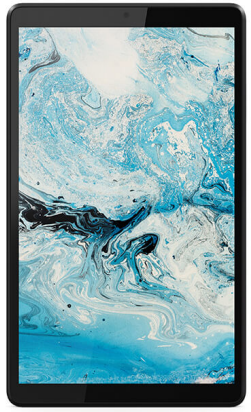


1 x 4 Hours/day x 5 Watt =

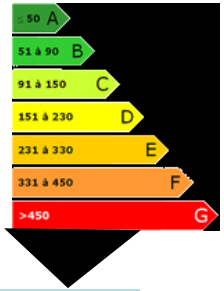
Wh

Tablet

Informatics



USB



1 x 5 Hours/day x 5 Watt =

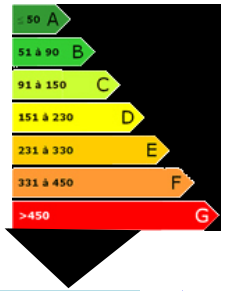
Wh

Video projector

Entertainment

(LED)

230V AC



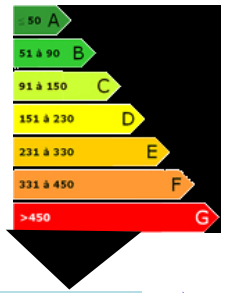
1 x 2 x 150 (20-400) Watt =

Wh

Tube TV

TV

230V AC

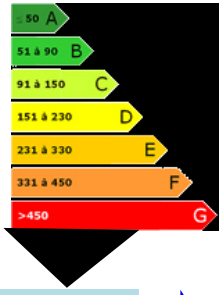


1	x	4	x	Small: 35 Medium: 100	=	Wh
(number)		h / day		watts		

Flat screen TV

TV

230V

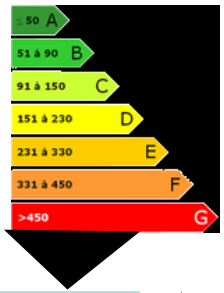


1	x	4	x	Small:**30** Big, LED: 70-**100** Big, plasma: **200**-250	=	Wh
(number)		h / day		watts		

Set top box

TV

230V

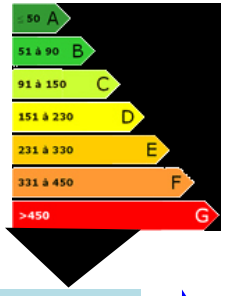


1	x	24	x	Simple: 5 With harddisc: **20**-30	=	Wh
(number)		h / day		watts		

DVD / VHF

TV

230V AC



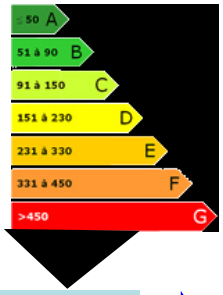
1	x	3	x	10	=	Wh
(number)		h / day		watts		

Stand-by: old devices

All household

Stand-by !!

230V AC



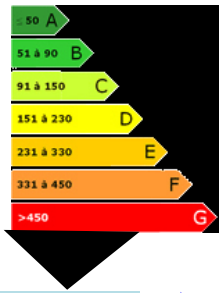
5	x	24	x	10	=	Wh
(number)		h / day		watts		

Stand-by: new devices

All household

Stand-by !!

230V AC

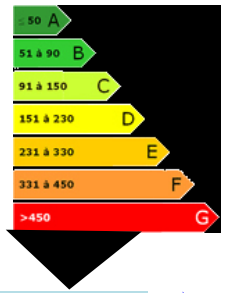


8	x	24	x	3	=	Wh
(number)		h / day		watts		

Washing machine

washing

230V AC

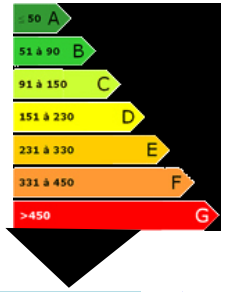


(5kg load) | 1 (loads) | x | cold: 250
40°C: 600
60°C: 800
95°C: 1200 Wh | = | Wh

Clothdryer

washing

230V AC

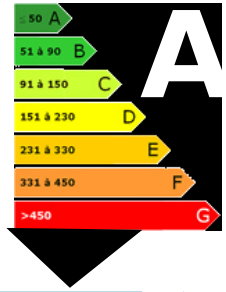


(4kg load) | 1 (loads) | x | 3000 Wh | = | Wh

Condensing clothdryer

washing

230V AC

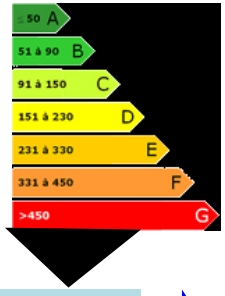


(4kg load) | 1 (loads) | x | 1500 Wh | = | Wh

Iron

washing

230V AC

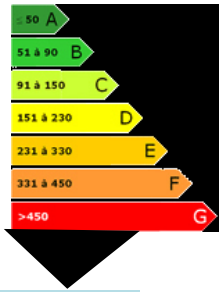


1 (number) | x | 0.5 h / day | x | 700 watts | = | Wh

Hairdryer

bathroom

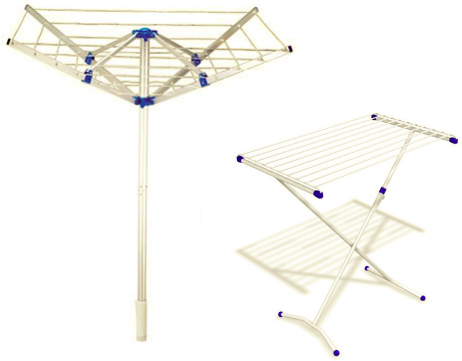
230V AC

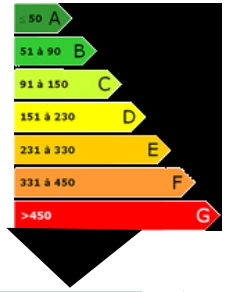


1 (number) | x | 0.2 h / day | x | 1000 watts | = | Wh

Air/sun drying

washing



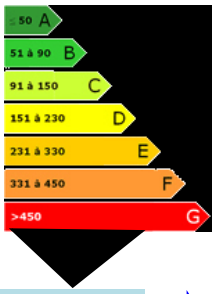


1 (loads) | x | 0 Wh | = | Wh

Drone

Entertainment

230V AC



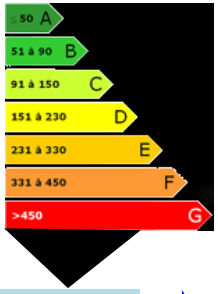
1	x	1/4 Hours/day	x	50 (10-80) Watt	=	Wh	1	x	24 Hours/day	x	100 Watt	=	Wh

Internet via satellite

Informatics

(Starlink)

230V AC



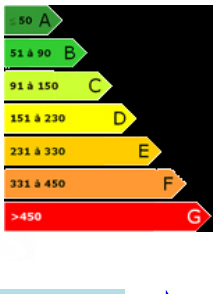
1	x	24 Hours/day	x	100 Watt	=	Wh	1	x	20 km/ day	x	7 Wh/ km	=	Wh

Electric bycicle

Mobility

(peddle assist mode)

230V AC

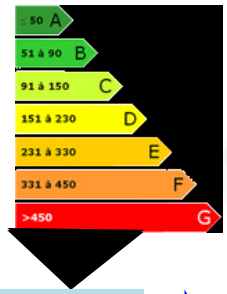


1	x	20 km/ day	x	7 Wh/ km	=	Wh	1	x	10 km/ day	x	7 (5-10) Wh/ km	=	Wh

Micro scooter

Mobility

230V AC

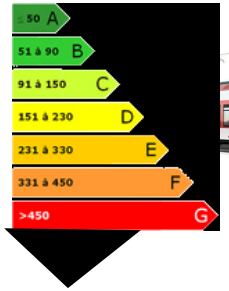


1	x	40 km/ day	x	150 Wh/ km	=	Wh	1	x	40 km/ day	x	100 Wh/ km	=	Wh

Small electric car

Mobility

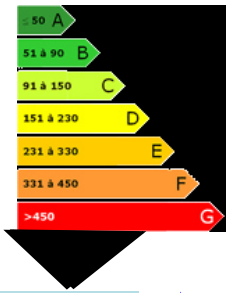
230V/400V



Travel by train

Mobility

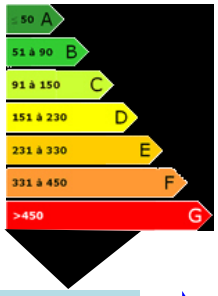
(per person)



Satellite TV

TV

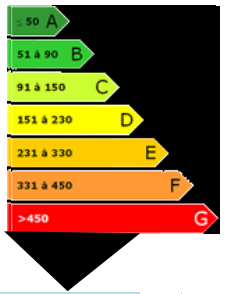
230V AC



1	x	24	x	20	=
		Hours/day		(10-40) Watt	Wh

Bycicle driven blender

Kitchen



1	x	0.1	x	0	=
		Hours/day		Watt	Wh

Elektric motorbike

Mobility

230V/400V

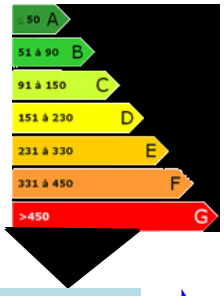
1	x	30	x	80 (50-130) Wh/ km	=
		km/ day			Wh

Electric scooter

Mobility

(max. 45 kmh)

230V AC

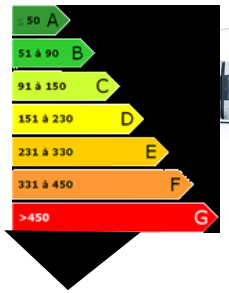


1	x	20	x	30 (20-40) Wh/ km	=
		km/ day			Wh

Heat pump
Single family home

House heating

(Complete house, daily average, heating and hot water)

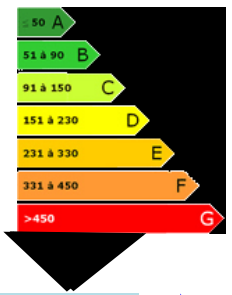


1	x	6'000 (Mingergie: 2'750) Wh	=

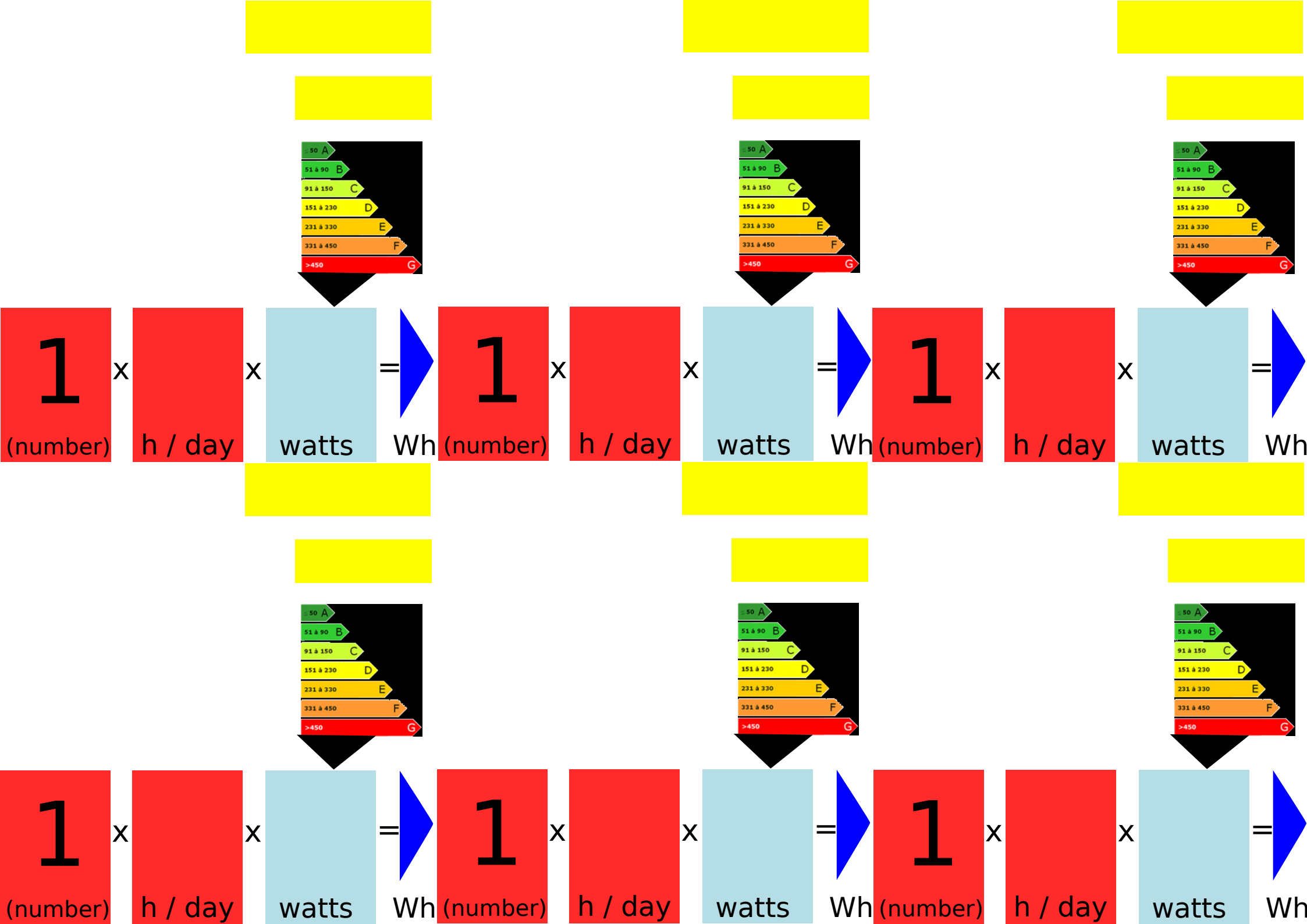
Travel by tramway

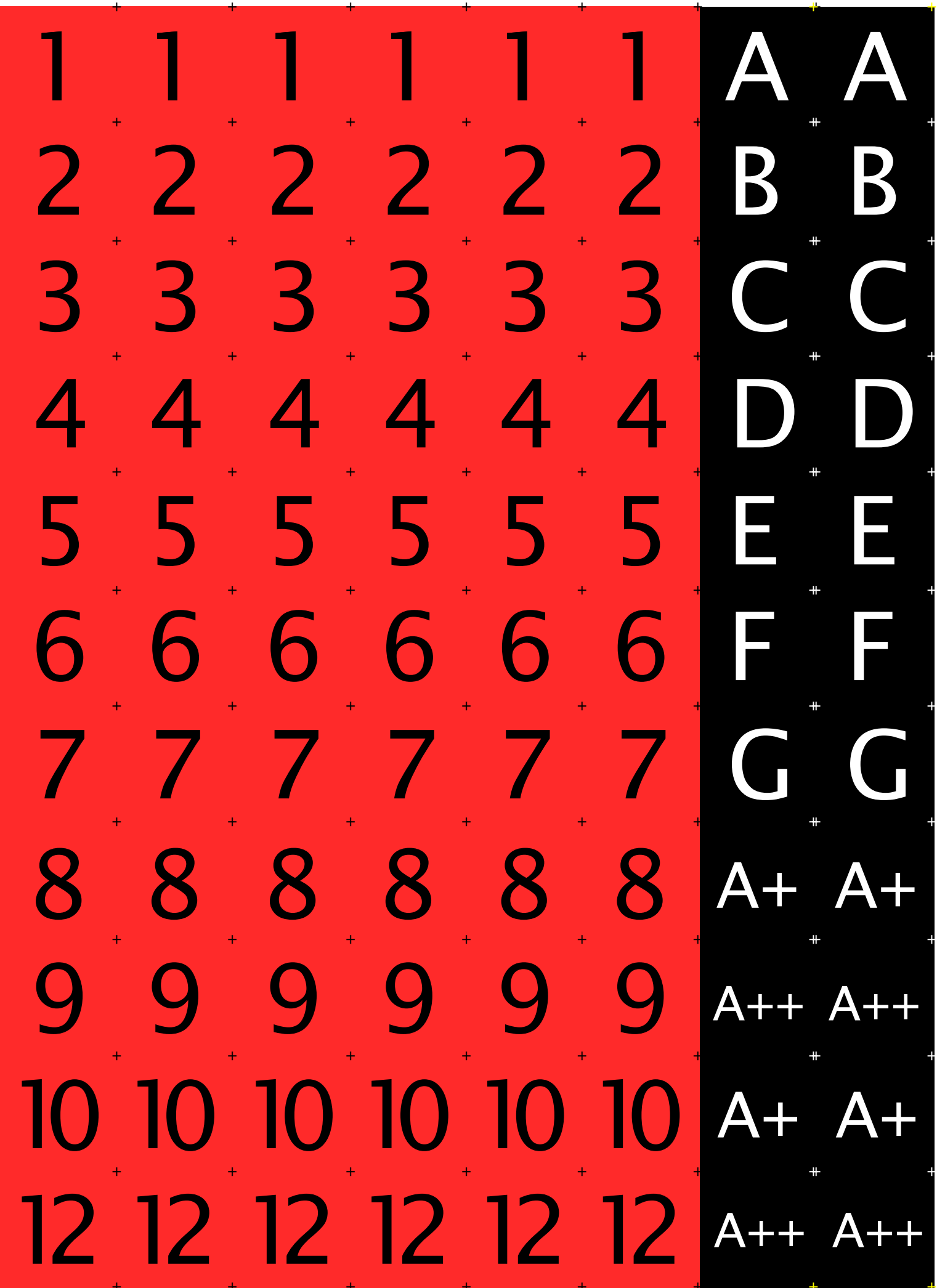
Mobility

(per person)



1	x	40	x	125	=
		km/ day		Wh/ km	Wh


≤ 50 A
51 à 90 B
91 à 150 C
151 à 230 D
231 à 330 E
331 à 450 F
>450 G
1
(number)
x
h / day
x
watts
=
Wh


1 1 1 1 1 1 A A
2 2 2 2 2 2 B B
3 3 3 3 3 3 C C
4 4 4 4 4 4 D D
5 5 5 5 5 5 E E
6 6 6 6 6 6 F F
7 7 7 7 7 7 G G
8 8 8 8 8 8 A+ A+
9 9 9 9 9 9 A++ A++
10 10 10 10 10 10 A+ A+
12 12 12 12 12 12 A++ A++