



## Watt controller

### FOR USE ON CAMPING-GROUND OR MARINA

With a Watt controller you can use many electrical devices, without the power on your camping-ground or birth is interrupted! It can happen that the checking light on the electrical device starts blinking if this is connected to the Watt controller. This has no damaging effects on the electrical device.

**User manual:** (See <http://www.camparo.nl/data/mediablocks/Instructions%20for%20use.pdf>)

- first inform about the quantity of ampere you have on your camping spot or birth.
- Put the Watt controller in a grounded socket in the caravan or boat.
- press the RESET button of the Watt controller until the right position of the ampere on the camping ground or marina, is indicated: light burns:
  - 3 = 3 ampere
  - 4 = 4 ampere
  - 6 = 6 ampere

If you change socket the adjusted value is kept.

- check in the chart “Electrical devices/Ampere if the device can be connected
- if you have an electrical device connected to the Watt controller, there is still sufficient power left for one fridge, for lights and for the TV. The other electrical devices need to be turned off (so also your boiler!). Do you have a battery then take into account that you are also using battery charging power: the best thing to do is putting the controller one position down (this is only necessary on position 4 ampere).
- **Pay attention:** the Watt controller regulates the power of one electrical device per spot.

#### Example 1: boiling water with 3 ampere

You want to boil water with your electrical water boiler of 1000 watts and you have 3 ampere to use.

- in the chart “Electrical devices/Ampere you see that the electrical water boiler can be used with 3 ampere.
- check on the Watt controller if the light 3-ampere burns and if the boiler is turned off.
- put the plug of your water boiler in the socket of the Watt controller.
- then turn on the switch of your water boiler.

The Watt controller regulates the power so far back, that the tension doesn't get interrupted.

#### Example 2: baking chips with 4 ampere

You want to fry chips in a frying pan of 1500 watts. You have 4 ampere to your use.

- in the chart you see that a frying pan can be used with 4 ampere
- check on the Watt controller if the light 4-ampere burns and if the boiler is turned off.
- put the plug of your frying pan in the socket of the Watt controller
- then turn on the switch of your frying pan.

Make sure you don't fry to many chips at once, or the frying fat will cool down soon. Take into account that frying fries with the Watt controller takes longer then it would in your home.

#### Example 3: the boiler of 300 watts stays on

You want to have your boiler on and at the same time use the Watt controller: if you have 10 ampere on the camping-spot then you put the position on 6 ampere; if you have 6 ampere then you put the position on 4 am-pere. Do you only have 4 ampere, you can never leave on the boiler AND the Watt controller at the same time.

With 10 ampere you can use at the same time the boiler, a ventilation heater of 1000 watts and a device that is connected to the Watt controller on position 4 ampere.

**Coffee machine with pads.** Important: you can use a Senseo with lever closing (1450 watts), but you need to turn it off manually when you have enough coffee. Make sure that the water keeps running. Also the machine makes a bit more noise then you are used to. If you have a device with a pinch connection (150/1700 watts), then this type won't work on the Watt controller. See [www.camparo.nl](http://www.camparo.nl) “Frequently Asked Questions”.

#### The Watt controller is protected during use against too high temperatures and power.

Do you use, for example, a barbecue of 1600 watts, then the Watt controller can get warm. Does the temperature get to high, then the barbecue is switched off automatically and the three lights, with a pause of 2,5 seconds, blink ONE time; after the Watt controller has cooled down the light of the adjusted value will burn continuously again (pay attention: don't place the controller in the sun). If you want to use the Watt controller during a longer time, then put it a position lower: with the RESET button you put the position from for example 6 to 4 ampere. If you use too much power, the Watt controller will be switched off (see malfunction).

**Malfunction:** when the three lights burn TWICE with an interval of 2,5 second, then you first have to turn off the electrical device that is the cause of the malfunction. Then press the RESET button of the Watt controller; now he is ready for use again and the light of the adjusted position will burn continuously.

The electrical devices you can connect to the Watt controller are, among others:

Electrical devices	Ampere		
	3	4	6
Position ampere on the WATT CONTROLLER:	3	4	6
Barbecue up to 1600 watts	no	x	x
Hair blower up to 2000 watts (pay attention.; this can function pulsing).	x	x	x
Frying pan up to 1500 watts (max. 1 , 2 litre fat): DELONGHI F350 1200 watts	no	x	x
Grilling plate/Gourmet device up to 1500 watts: PRINCESS 2200 Table Chef Classic Grill	no	x	x
Heater 1000/2000 watts: with 3 and 4 and 6 ampere: only on position 1 = 1000 watt!	x	x	x
Coffee machine with pads up to 1450 watts (Senseo): turn off manually	x	x	x
Coffee machine with pads 1600 watts TEFAL Supremia: turn off manually	no	no	x
Coffee machine up to 1500 watts	x	x	x
Cooking plate up to 1000 watts	x	x	x
Oven up to 1500 watts	x	x	x
Iron up to 1200 watts	x	x	x
Water boiler up to 2000 watts, depending on type and producer	x	x	x

X = to use

#### While using a Watt controller you take the following things into account:

- note: the Watt controller must always be connected to a grounded outlet.
- **NO CONNECTING OF MICROWAVE, COMPUTER, ELECTRO MOTOR, LIGHTS OR TV**
- if you connect multiple sockets to the Watt controller, only one can be turned on. It is not allowed to use more then one electrical device at the same time. Does the electricity on a camping ground still malfunction, then the installation on the camping ground is aged and you need to turn the Watt controller one position down (from position 6 to 4 or from position 4 to 3).
- it can happen that the lights blink a bit.
- do not place the controller in the sun and don't let it get wet; so only use inside.
- you can only use one watt controller per spot.
- we advice you to not leave the Watt controller in the socket when it's not being used (a.o. because of lightning).
- the power protection is, because of the CE-demands, adjusted in such a way that the machines mentioned below are turned off air-conditioning, centrifuge, halogen heating, ceramic heating plates, high pressure washer, vacuum cleaner, dish washing machine, washing machine, wash dryer and other devices in which there are electro motors.
- you are not allowed to plug in electrical devices with an electronically regulation.
- prevent improper use of the Watt controller.
- only to be connected to an inverter with a pure sine wave (on block / modified sine)
- see [www.camparo.nl](http://www.camparo.nl) “Frequently Asked Questions”.
- we advice you to use a connection cable on you camping spot or birth with a minimum of 3 x 2½ mm².

#### Technical data:

The feeding tension is 230 Volt / 50 Hz; maximum connecting value 2000 watts. The devices are regulated back: on position 3 up to ca. 500 watts, on position 4 up to ca. 700 watts and on position 6 up to ca. 920 watts. The Watt Controller meets the requirements of the CE standard: NEN1020, EN55014-1, EN60730-1, EN61000-3-2, EN61000-3-3, IEC60844-1, IEC60844-2-5. Protection class against moisture: IPx0 and grounding: IPx1.

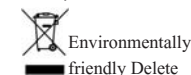
#### Guarantee:

The guarantee term is two years (save your receipt). The right on the guarantee expires when malfunctions have developed by improper use, lightning impact, not following of the manual and interference of third parties. For the damage that comes from those causes the producer or Camparo can't be held liable.

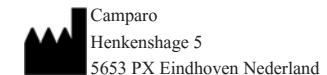
#### NO CONNECTING OF MICROWAVE, COMPUTER, ELECTRO MOTOR OR inverter with modified sine



Read manual before use



Environmentally friendly Delete



**Return shipments: (First report by mail)** defect controller needs to be offered with postage and with a defects report to: Camparo Service Henkshage 5 5653 PX EINDHOVEN The Netherlands

**Information:** [www.camparo.nl](http://www.camparo.nl) / [info@camparo.nl](mailto:info@camparo.nl)

12 juli 2015