

The 12 volt and 240 volt electrical system

Your caravan comes with two power supply sources: a 12 volt power supply and the option to plug into a 240 volt supply. The 12 volt supply will supply power from the in-house battery which will recharge from the solar panel. It is extremely important to note that the key features in your caravan such as your lights, water pump, and heater fan will operate from the 12 volt supply. You do not need a 240 volt supply to operate your caravan.

The 240 volt supply will only work if your caravan is plugged into a 240 volt power supply. The 240 volt supply will allow you to use additional features in your caravan not available on the 12 volt only supply such as the microwave and the 240 volt power sockets. The 240 volt supply connection will also recharge your battery if it drops in charge.

Your caravan comes with a long caravan cable which can be used to plug into a 240 volt camping ground caravan 16 amp outlet. This is different to a normal 3 pin house supply. If you wish to plug the caravan into a normal 3 pin power supply outlet you will need an adapter. These can be hired from us or purchased from many camping supplies store. They are rated for indoor use only and not suitable for outside use.

It is equally important to note that the operation of the internal lights in your caravan is not evidence that your 240 volt supply is correctly connected and powered up as the internal lights run off the 12 volt system. We suggest you plug in the electric jug if you wish to test the 240 volt connection to your caravan. If this lights up then you have 240 volt power into the caravan.

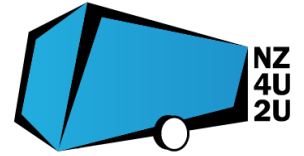


The 12 volt system needs to be turned on at your mains switch. This master control switch is located inside the door of your caravan. The top left buttons allow you to check your battery reading. You have a 12 volt 110 ahr battery which recharges via the solar panel. Fully-charged, it will measure 13 volts. However, the amount of 12 volt power is limited, so we suggest being careful with the use of the 12 volt power when off grid. If your battery runs below 10 volts, you are in danger of losing the use of your 12 volt appliances. Your battery will need to be recharged by plugging the caravan into a 240 volt power source.

Light Switches

The bottom two buttons operate your caravan's internal and external lights. The master for the internal lights turns on the power to all the light circuits. You can control each set of lights individually with individual switches. One switch that is hard to find is up the front of the caravan under the left front bulkhead and cannot be seen while standing. This controls the two overhead lights in the forward cabin.

The outside light is located over the door. Be careful not to leave this on overnight as it cannot be seen from within the caravan and will drain the battery.



The 240 volt plugs in my caravan are not working

Your 12 volt electrical system is operating correctly. This does not mean your 240 volt system is working. the 12 volt system is separate to the 240 volt system

Yes

Are the lights in your caravan working?

Are you using a caravan 3 pin house adapter?

Yes

Is the RCD in the 'ON' position?

No

Flick the RCD to the 'ON' position

Yes

Check the power supply at the external source. Your 3 pin power supply is likely restricted to less than 10 amps and can become overloaded if you are drawing too much current

No

Is a power plug symbol showing on your Truma Control Panel?

No

Your caravan is not recognising a valid 240 volt supply. Check the power supply to the caravan

Yes

Are all your 240 Volt fuses in the fuse box in the 'ON' position?

No

Flick the 240 volt fuse to the 'ON' position

Yes

Check the caravan cable is plugged securely into your external power supply and test the power supply is turned on. If you have followed the steps above and still have issues with your power supply please call 0220 69 4828



240 Volt system

