



Once fitted, it is highly recommended that you have a qualified auto electrician check the fitting before use, also repeated inspections to ensure maximum safety are recommended. We accept no liability for the misuse or poor fitting/maintenance of this product or any effects caused from ill practice.

All wiring should be checked regularly for abrasion and rubbing against the car and itself. Any abrasion should be treated and prevented. All sockets/relays/units must be secured and firmly onto a suitable base using all mounting points.

Inverters and chargers must be mounted with the recommended amount of space around them to allow sufficient cooling. In the event of any product failure cease usage of all wiring and remove the leisure battery earth strap.

Hook up kit fitting instructions

It is always advisable to select your desired mounting point for the consumer unit, somewhere it is accessible for maintenance and inspection. Then measure from this point, allowing for neat safe routing, how far it is to each; the inlet socket and both outlet sockets. Then cut the cable to these lengths.

Connecting the Consumer Unit

(Below is a guide. The design of the consumer unit may vary. You should follow the instructions provided with the consumer itself when installing)

(Note: It is extremely important to note; that with 240V electrics, the LIVE is BROWN, the NEUTRAL is BLUE and the EARTH is GREEN/YELLOW) (If you are in anyway unsure at this stage, please have a qualified electrician complete the 240V install.)

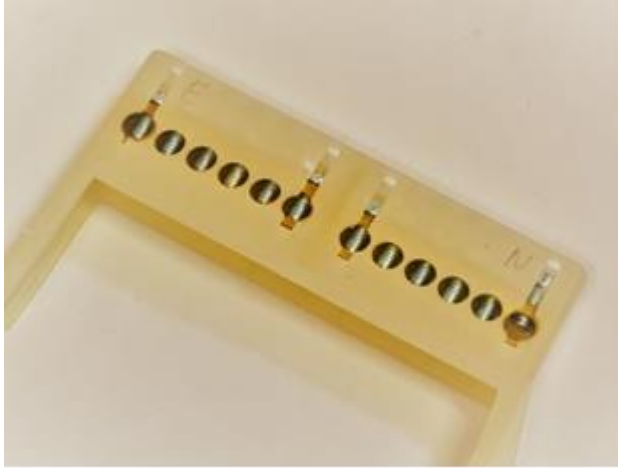
Step 1 – Choose the mounting locations of your sockets, cut your 3 core flex to the correct lengths. It is easier to wire the consumer unit first (as per the instructions supplied with the unit, If unsure about this consult an electrician) bearing in mind that with 240V electrics, the LIVE is BROWN, the NEUTRAL is BLUE and the EARTH is GREEN/YELLOW Once you have wired the unit then mount it securely using all 4 screw holes before running the cable through to your socket locations.

Note – The RCD requires the neutral (Blue) to be wired in the unit marked N. The MCBs require Lives (BROWN).



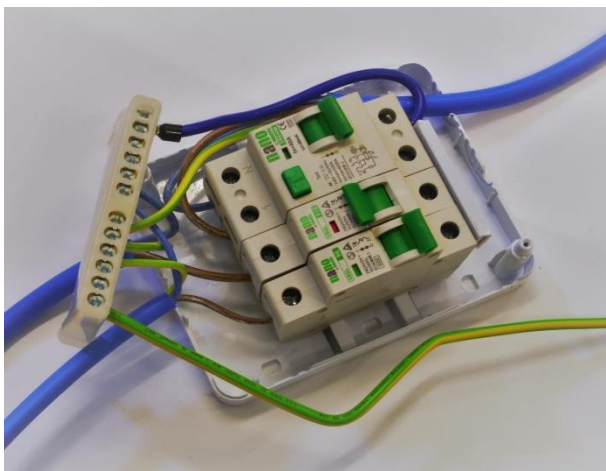
Note – The consumer unit and all cables going in or out of it must be earthed using the earth block (pictured below left) and the green/yellow earth lead supplied to take it to a known good earth.

Note. The two neutral wires from each socket cable should go into the neutral block, marked with the N (pictured below left)



Step 2 – strip the blanks end of the thick

6.0mm green/yellow main earth lead and screw it into the earth block, then take the other end which you will need to add an eye terminal down to a clean good earth and apply some electrical grease before fixing it in.



A fully wired consumer unit, with 2 output wires (pictured left)

Note; pictured above is a completely wired consumer unit. The cables on the left are the outlets, the blue cable on the right is the inlet and the green/yellow cable is the earth wire.

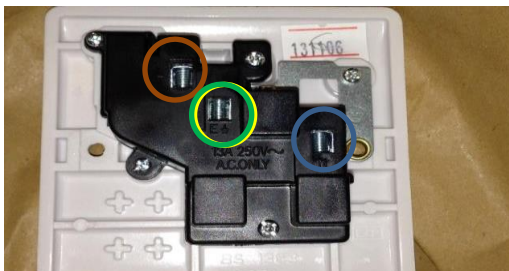
Note; the MCBs (miniature circuit breakers) are in their “on” position then the small square above the switch is RED, in the picture above, the middle switch is on, the outside two are off.

Step 3 – Wire in the back of the outlet sockets. First select the back box mounting location. Decide which way the cable will come into the back box. Select the closest breakout section of the back box and neatly make the hole in here. We would recommend that you file it smooth to avoid any scoring or damage to the cable.

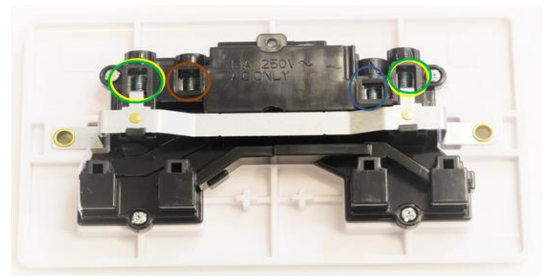
Once you have done this thread the back box onto the cable and strip the outer insulation back about 7cm to allow you to work on the back of the socket. Cut each of the inners to the appropriate length to reach its screw terminal on the back of the 240v outlet socket.

Then strip the insulation back to reveal bare copper. Give this a twist with your thumb and forefinger so make sure there are no stray strands that may cause injury or electrical danger.

Screw each of the wires into the back of the socket, keeping in mind that the LIVE is BROWN, the NEUTRAL is BLUE and the EARTH is GREEN/YELLOW ensure that there are no cables jammed or caught and that there is no copper left showing on the back of the socket.



Single Socket



Double Socket

Step 4 – Wiring in the Hook up/inlet socket. Similar to the outlet sockets it's important to have the cable routed and neatly pinned/cable tied in place except for the last 30cm or so, this can be done once the plug is wired in.



Remove the blue plug from its white housing. Again remove the breakout sections in the white housing and thread the grommet onto your blue wire.

Once this is done strip the outer insulation back about 7cm and strip the inner back about 2cm on each core.

Twist the strands to make sure that there are no stray strands and to ensure that the screw terminal can get a good grip of the wire.

Screw the wires into their respective terminals as pictured below. **(Please note picture is for illustrative purposes only and you must check that this applies to the socket you have).**

Then screw the blue cap back onto the white housing and mount the socket securely in your desired location

Step 5 – (OPTIONAL) At this stage if you have purchased a kit containing an auto intelligent battery charger now is the time to wire it in.



Position the battery charger so that it is well ventilated and accessible for regular inspections. The 3 pin plug should be affixed to a 240V socket that is to be left on.

The eye terminals are to be fastened to the leisure battery. Remembering as these wires are 12V the RED wire is POSITIVE + and the BROWN wire is NEGATIVE -.

DO NOT REVERSE THE POLARITY OF THE CHARGER AS THIS WILL CAUSE THE UNIT TO FAIL.

Step 6 – Have the entire electrical install checked over by a qualified electrician before connecting any