

# CUSTOMER QUICK-GUIDE



**XPLORER**

**HARDKORR**  
CAMPERS

# ELECTRICAL

## CONNECTIONS

Q. Why does the trailer have a 3-pin Anderson style plug?

A. If you have upgraded to a DC-DC Charger, the 3rd pin is to be used as a "trigger" wire. Watch this [video](#) if you are still unsure!

Q. What connector comes on the trailer to connect to my car?

A. We use a 7-Pin Flat connector. Please note: If your car has a different style connector you will need to change it or use an adaptor.

Q. What is the round plug on the back of the trailer with the black cap?

A. This is your solar input, in your trailer you will have been provided a 2-Pin round to 50A Anderson.

# BATTERY CHARGING METHODS

To charge the batteries in your trailer you can do this multiple ways:

## SOLAR

Through the round plug on the back of the camper, you will use the adaptor lead provided with the trailer to connect to your solar panel, if you are using the controller that is pre installed with the camper, please note its maximum charge output is 15A, typically this will be a 200W solar panel or slightly larger.

Q. I have had my solar on for days now but my batteries are flat?

A. Please make sure the controller is on first, to do this disconnect the solar panel from the round plug that is on the back of the trailer, if the screen on the solar regulator is off, you will need to turn it on via the switch on the control panel. Please also check the breakers have not tripped.

Q. Im still not charging my batteries after doing the above?

A. There may be a fault with your solar panel, please refer back to the solar panel manufacturer.

## 240V CHARGING

If you opted to get the 240V Package, your trailer will have a flush mount 15a Inlet on the back of the trailer, connected to this inlet is an RCD Protector just like you have at home, and a Battery charger. The charger is pre-set by us at Hardkorr so all you have to do is plug it in and thats it!

Q. The trailer is plugged in but its not charging?

A.1. Make sure the power source like your home or generator is functional. **OR** Make sure the RCD Protection has not tripped.

Q. I have my own battery charger how do i charge it straight on the batteries?

A. If you have one battery, its just positive and negative, if you have 2 or more batteries you will need to put the positive lead fom your charger on the first battery, and the negative lead on the last battery, please watch this [video](#) on how to do this if you are unsure!

*Please note this method will not flow through the shunt and therefore you will need to reset it once batteries are full.*

## CAR CHARGING

Your trailer comes standard with a Voltage Sensitive Relay (VSR). Although basic and often reffered to as "a really dumbed down version DCDC" this little device is great just to get you going.

Although if you have upgraded to Lithium batteries or have a car with a smart alternator we highly reccomend you upgrade to a DCDC Charger.

Q. What is a DC-DC Charger?

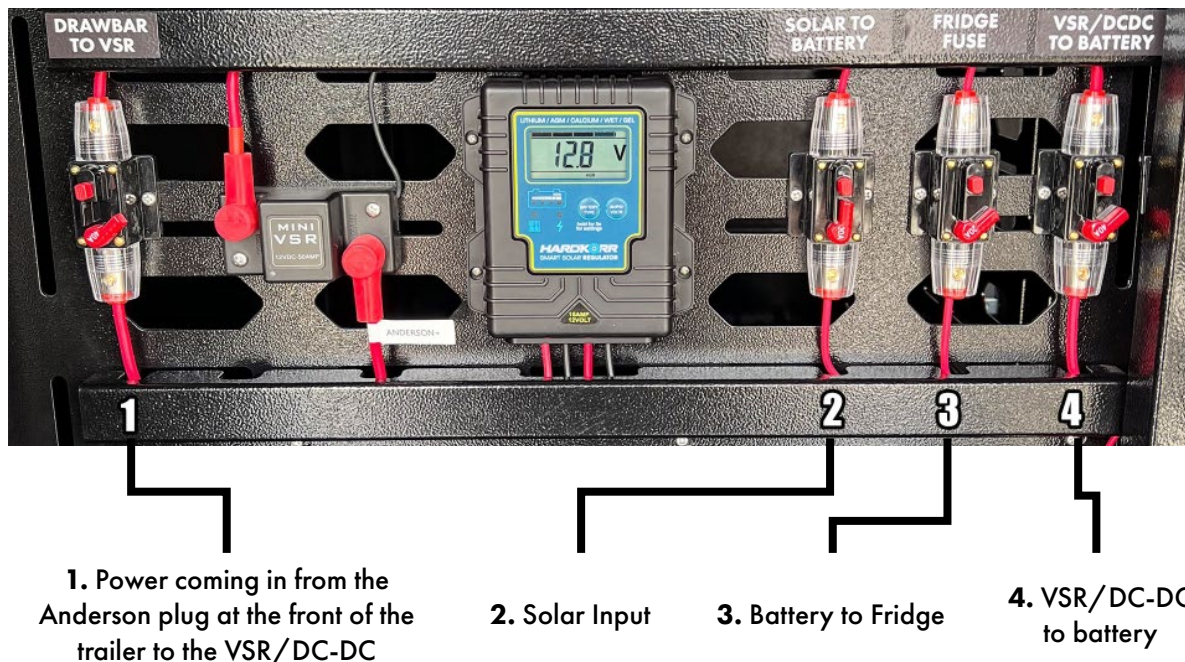
A.1. Cars with Smart alternators vary in voltage, one minute its 14v, the next its 12v. A VSR will only input voltage after 13.2V which all your older cars like 105 cruisers and Gu Patrols will do. A DCDC Will take a lesser voltage and translate that into a charge the bateries will accept.

A.2. In short, it is a charger that will take power from your late model car and feed it to your batteries via the Anderson plug at the front of the trailer.

# CONTROL PANEL

Your control panel can be considered the central hub, this is where you will be able to turn on and off your lights, pump, solar regulator and so on.

## CIRCUIT BREAKERS



Watch this [video](#) if you are still unsure.

## BATTERY MONITOR

This battery monitor, also known as a coulometer, displays essential battery information such as battery voltage, live current draw (A) and charge level (Ah and %) through its full-colour LCD screen or by connecting your smartphone via Bluetooth.

Instruction manual can be found [here](#).

Q. The Alarm is going off?

A. This can be caused by a number of things but most commonly it will be low capacity or low battery voltage. To get rid of the alarm quickly, for example if it goes off in the middle of the night as you're trying to sleep, simply reset it by holding the second button from the top, and then when ready, rectify the issue.

Press the link to watch a [video](#) on how to reset the shunt.

# ELECTRICAL TROUBLESHOOTING

Q. My Fridge is not Turning on?

A.1. Check that the battery is not flat.

A.2. Check that the circuit breakers are not tripped.

A.3. The fridge may be faulty; please contact Manufacturer.

Q. Why are my batteries not getting charged?

A. This can be a number of things but often times it is very simple, please refer to the "Methods of Charging" section in this booklet, if the answer to your issues are not listed there, potential causes can be, The batteries are faulty, the charging equipment is faulty, something may not be turned on, the trailers are designed in a way that is very user friendly so if it's an issue that has not been listed there may be something else going on and it is recommended you contact us!

Q. Why is the Power Meter (Shunt) not reading accurately?

A. The only instance this will occur is if the shunt has malfunctioned or if the batteries have been charged in a way where the current is not through the shunt, eg. you have charged the batteries off a battery charger straight to the batteries and not through one of the connection on the trailer.

## GENERAL TROUBLESHOOTING

### TROPICAL ROOF

Q. How does the tropical roof attach?

A- There will be 2 pieces of cloth, shown on the diagram as A and B. With the tent closed, there are sail tracks on the top of the roof, slide in A & B into these tracks.

From here, there is a piece of velcro C which can be joined. Once done, attach the bungy cords to the eyelets of A & B. Open up your rooftop tent and then attach the Bungies D to the awning. For corner E you will need to use a pole to prop this up.



### DOOR LATCH

Q. My door latches aren't letting me lock the door?

A.1. On the inside of the door the adjustable bolt may be wound out too far, back it off just slightly this may also help.

A.2. This is an easy fix; oftentimes it may just be 1 mm too much paint on the latch. Open the latch and use an appropriately sized flat file to file back the flat piece just like the photo, and try again.

*Please note you only want to remove some paint so don't go too heavy!*

