

**1 INVERTER REMOTE**

Used in conjunction with the inverter, often a telephone cable style mounted to the front or rear of the inverter.

**2 240V WALL OUTLET**

Connect your 240V appliances to power when the inverter is switched on.

**3 INVERTER**

Used to convert 12V power to 240V power.

**4 SHUNT**

Used to measure power coming into and out of the trailer battery system.

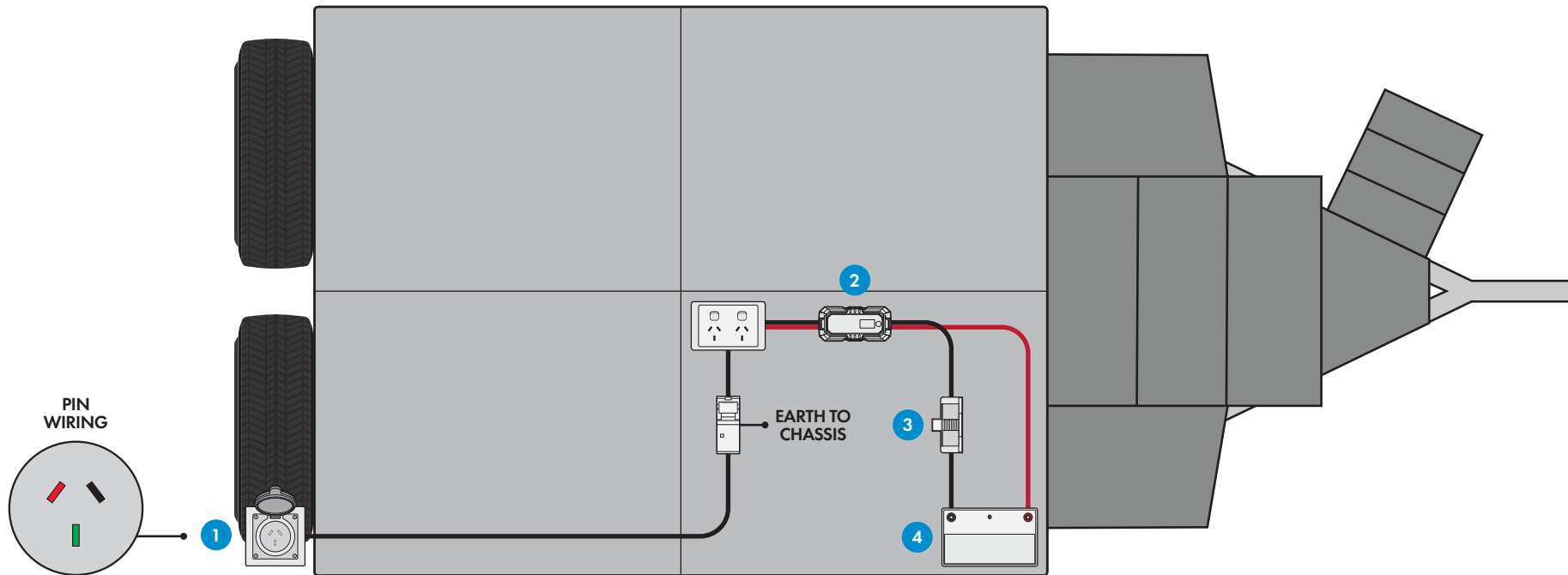
**5 BATTERY**

Power your 12V/240V electrical devices with the power from the battery.

**NOTE:** THERE WILL BE BREAKERS / FUSES ON THE MAIN POSITIVE CABLE FROM THE INVERTER TO THE BATTERY.

# 240V INLET PACKAGE

# HKC



**NOTE:** THERE WILL BE BREAKERS / FUSES ON THE MAIN POSITIVE CABLE FROM THE CHARGER TO THE BATTERY.

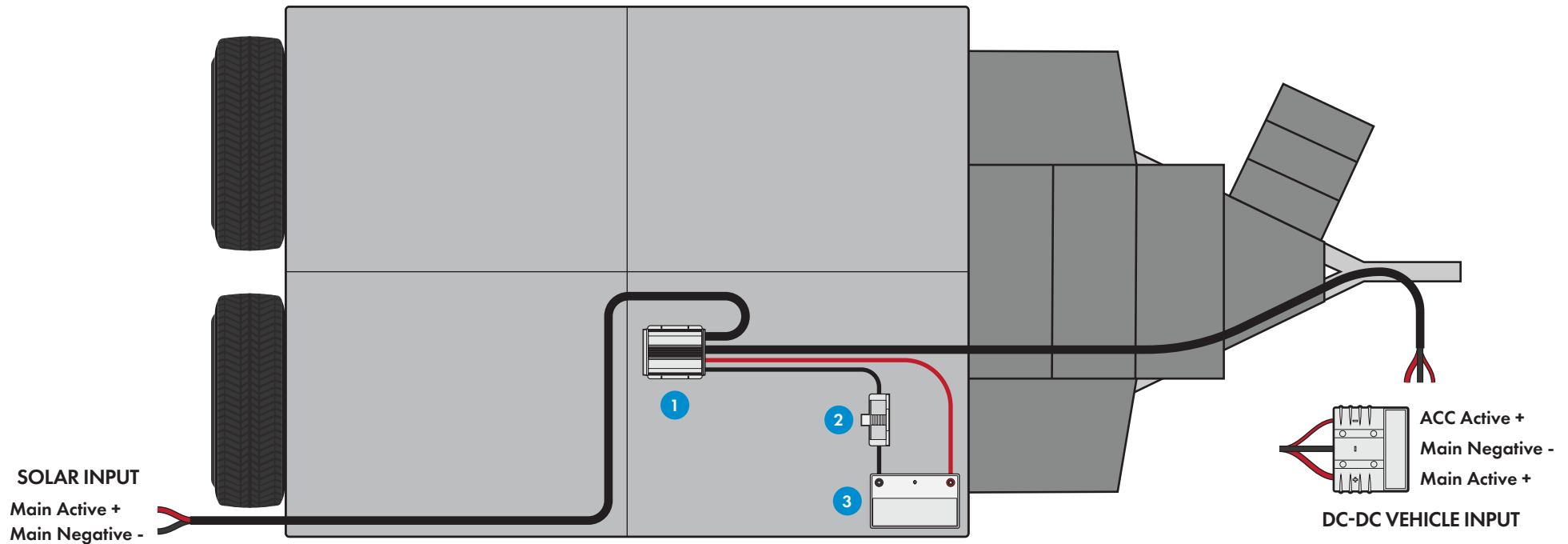
**1 240V 15A INLET**  
Feeds 240V power from mains to the charger via the RCBO/wall outlet.

**2 AC CHARGER**  
Used to charge your battery from mains power.

**4 SHUNT**  
Used to measure power coming into and out of the trailer battery system.

**5 BATTERY**  
Power your 12V electrical devices with the power from the battery.

# DC-DC CHARGER CONNECTIVITY



## 1 DC-DC CHARGER

Serves as both a charging point for the battery via the vehicle's alternator, as well as a regulator for the solar-generated power.

## 2 SHUNT

Used to measure power coming into and out of the trailer battery system.

## 3 BATTERY

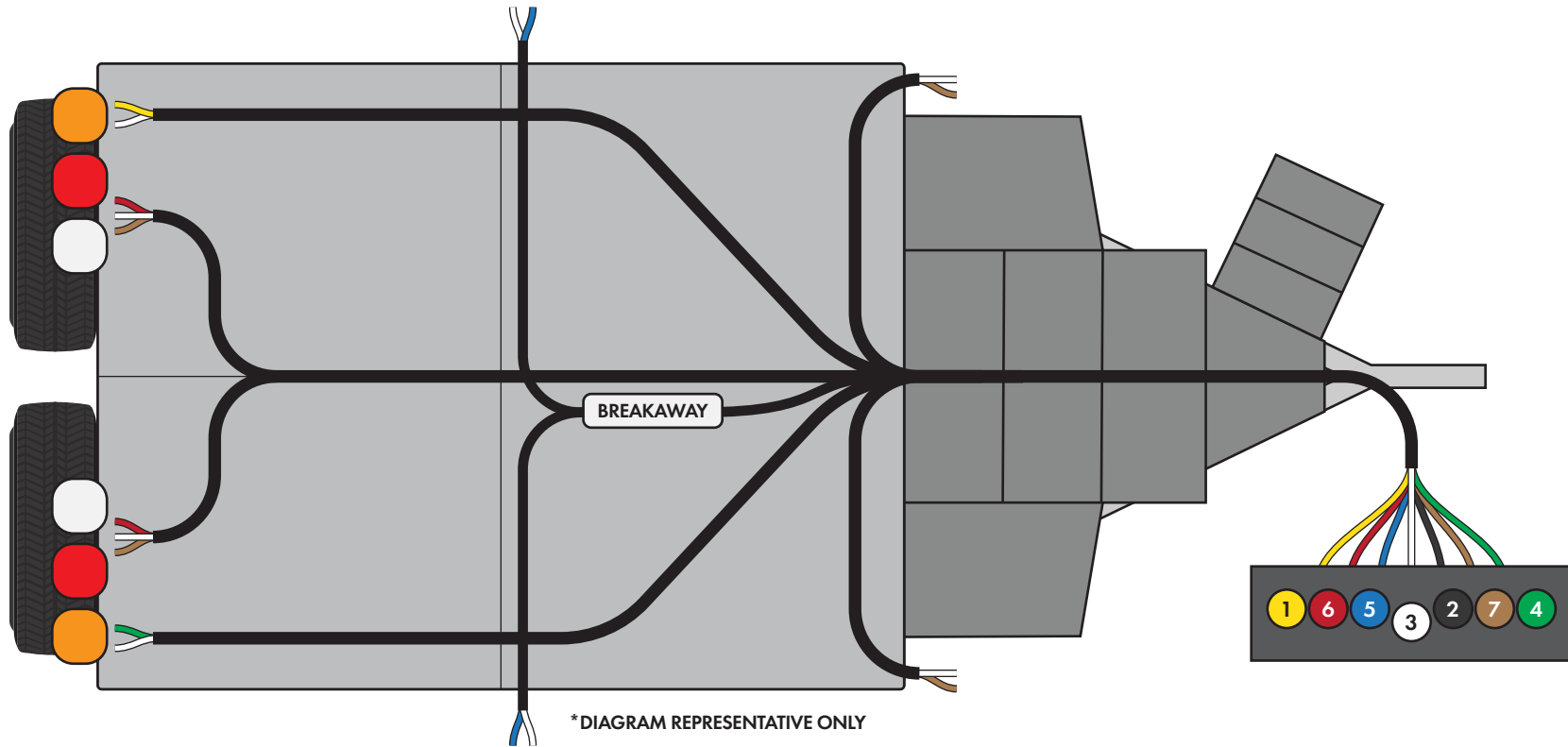
Power your 12V electrical devices with the power from the battery.

**SOLAR INPUT BREAKER: 40A**

**3 PIN ANDERSON BREAKER: 50A**

**DCDC OUTPUT BREAKER: 50A**

# 7-PIN PLUG WIRING DIAGRAM



## 7-PIN FLAT PLUG PINOUT

1- Left Indicator	<b>YELLOW</b>
2- Reverse Signal <i>HKC DOES NOT USE</i>	-
3- Earth Return	<b>WHITE</b>
4- Right Indicator	<b>GREEN</b>
5- Service Brakes	<b>BLUE</b>
6- Brake Lights	<b>RED</b>
7- Clearance Lights / parkers	<b>BROWN</b>

## CONNECTIONS

Left Indicator	<b>YELLOW + WHITE</b>
-	-
-	-
Right Indicator	<b>GREEN + WHITE</b>
Service Brakes	<b>BLUE + WHITE</b>
Brake Lights	<b>RED + WHITE</b>
Clearance Lights / parkers	<b>BROWN + WHITE + RED</b>