



DUAL BATTERY SYSTEM (SMART HUB)

USER MANUAL



ATEM POWER, born in June, 2017, as a synonym for exciting outdoor experience, is an Australian company that specializes in solar power kits & equipment. Through years of steady development, ATEM POWER has successfully secured a place in the field of solar products, possessing premium solar products, including solar panel, solar cell, charger, inverter and automotive cell, etc, which have greatly changed people's lifestyle and become an indispensable part of their daily life. At ATEM POWER, we stay true to our DNA by prioritizing technological innovations designed to improve our products and striving to provide excellent customer care. Because we are motivated to explore the limits of solar power!

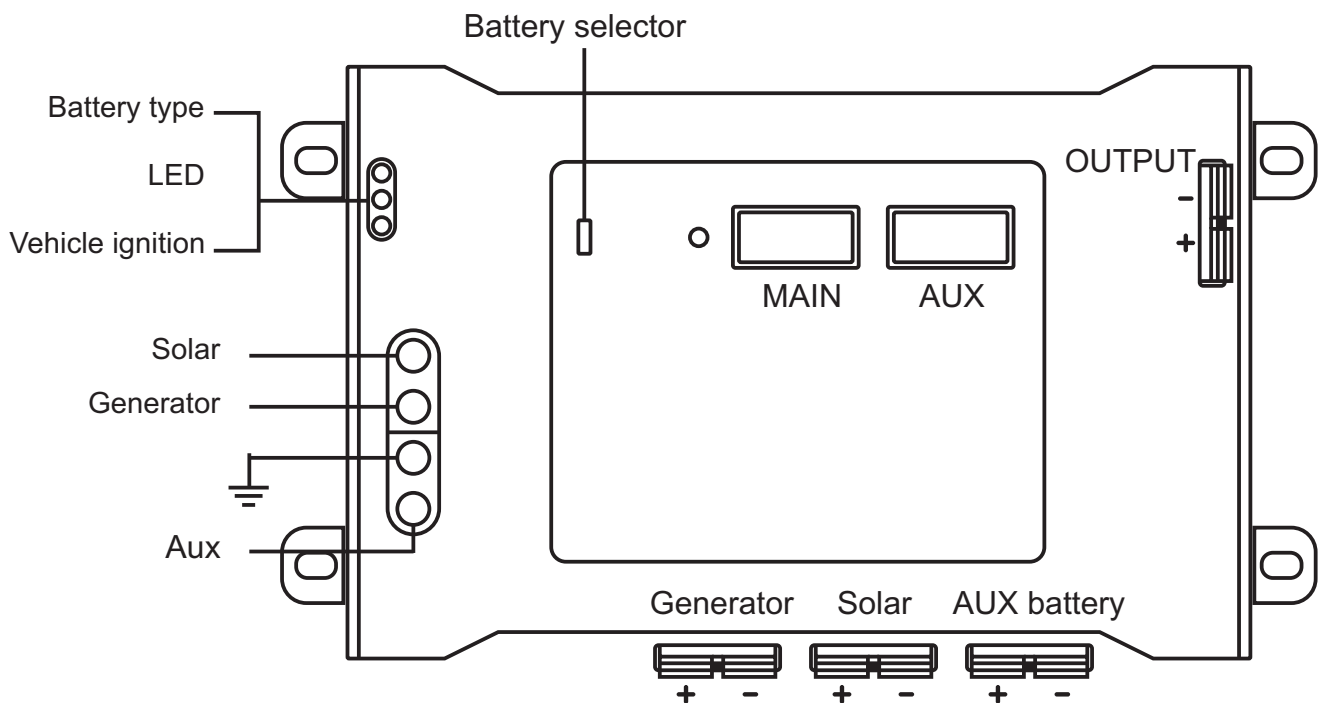
IMPROTANT SAFETY INSTRUCTIONS !

- The user must read and understand all of the warning and safety messages supplied with your product prior to installation or use.
- Children or adults under the influence of alcohol or drug, or those who lack of experience or professional knowledge are not allowed to use this unit.
- Do not use or store this smart hub near heat sources such as fire or heaters or expose it to flammable chemicals, vapors or corrosive gases.
- Do not strike, throw the smart hub.
- Please do not expose it to moisture or harsh environments.
- This product should be firmly fastened to prevent fall down or tip over.
- Please do not disassemble this smart hub as such action will not only cause potential damage to you and your unit, but also void the warranty.
- Please note that this smart hub is not waterproof.
- This smart hub can only be repaired by professional personnel.
- Do not smoke or have an open spark or fire near this unit.
- Examine the unit regularly for damage. If it is damaged, it must not be used until it has been repaired.

KEY FEATURES

Designed to connect dual batteries and a solar panel, this ATEM POWER dual battery system, a sophisticated unit that is 100% plug & play, is compatible with most DC-DC chargers, including ATEM POWER, CTEK, RENOGY, REDARC and Projecta. It is ideal for 4x4, camper trailers, boats and caravans and can be installed anywhere in the vehicle. And dual voltage meters provide you a real-time view of voltage status, LED light displays status and multi-chemistry allows for batteries including Wet, Calcium, AGM, GEL and LiFePO4 batteries.

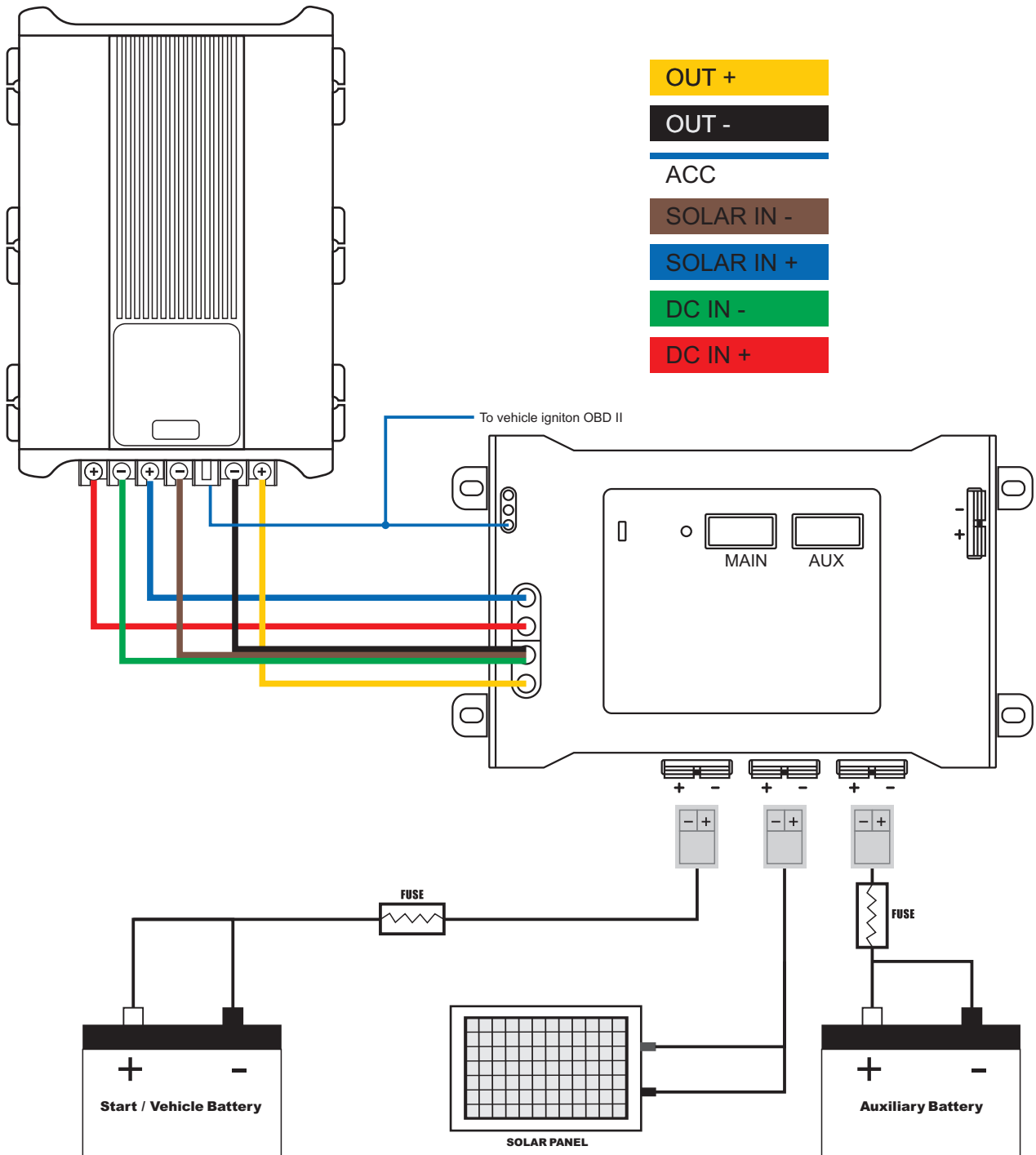
IDENTIFICATION OF PARTS



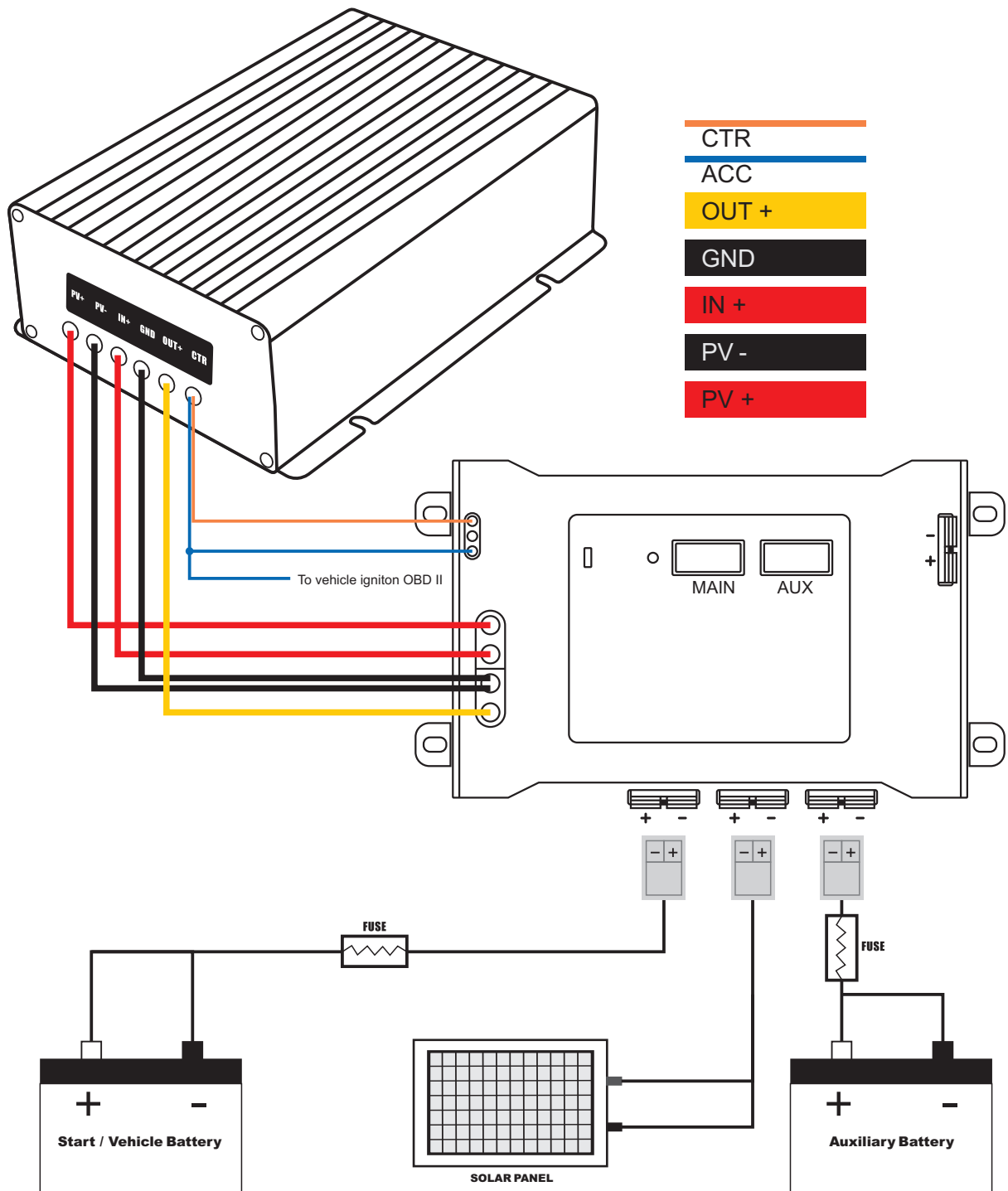
PACKAGE INCLUDING

1 x DC to DC Smart Hub
1 X Installation Manual
2 x Grey Anderson Plugs
1 x Yellow Anderson Plug for Solar
1x Red Anderson Plug for Alternator

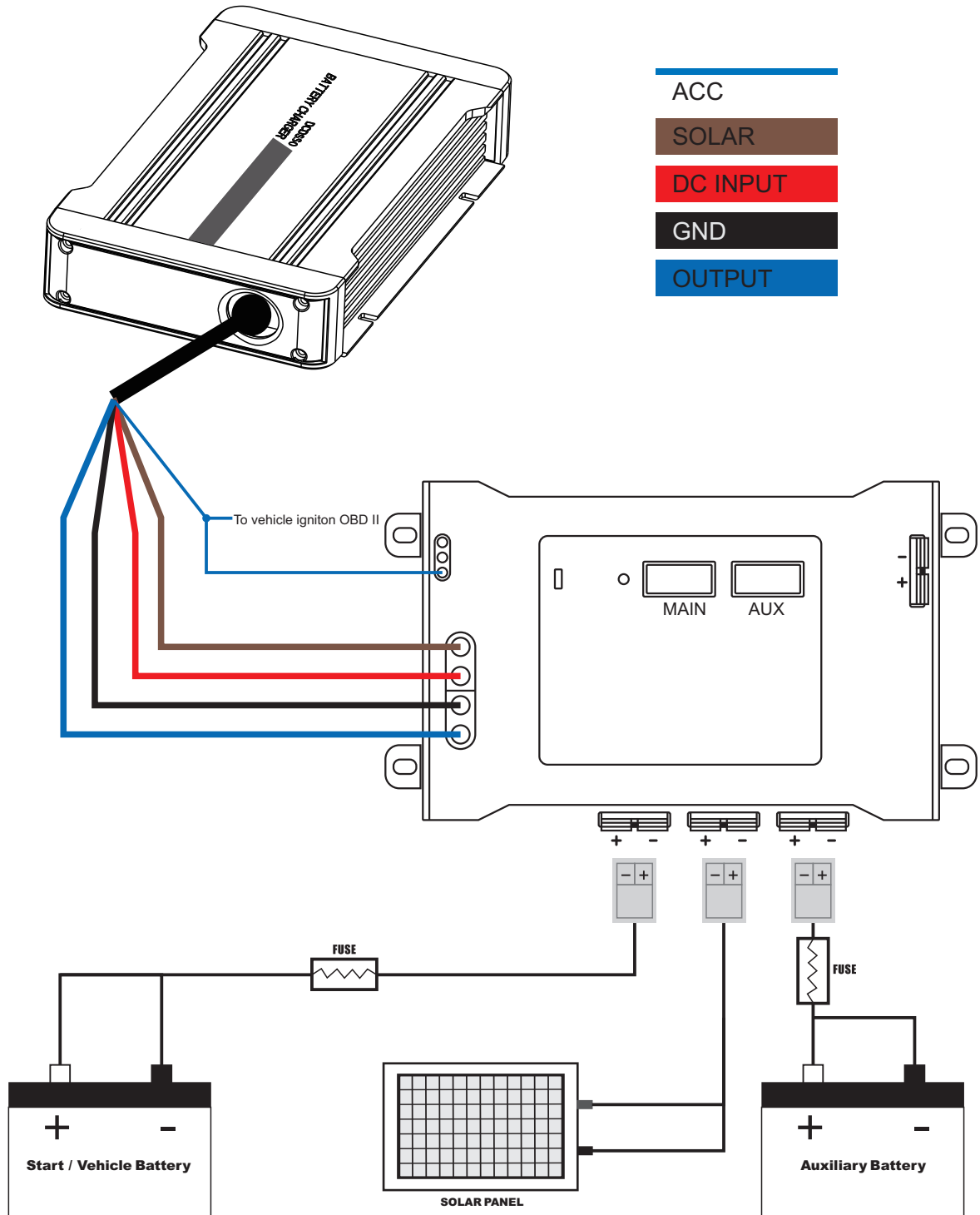
WIRING DIAGRAM (ATEM POWER VABG007A/008A)



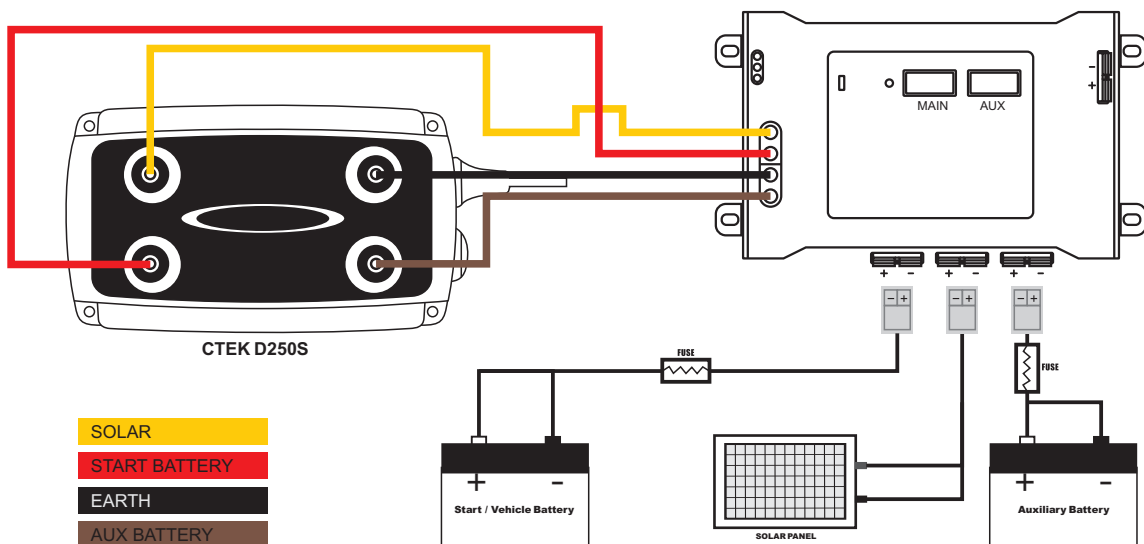
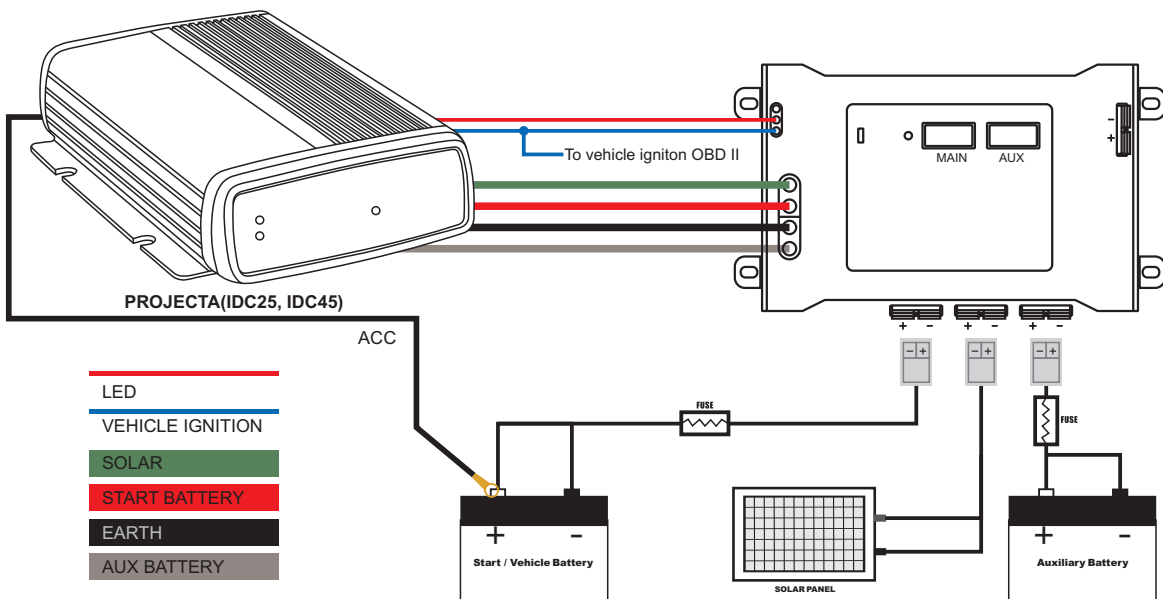
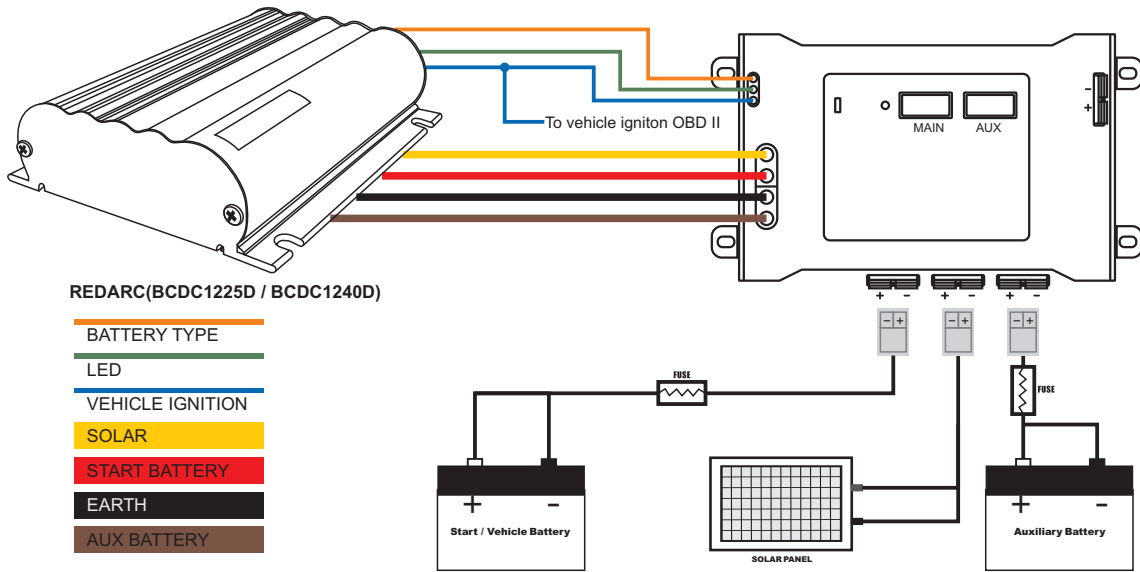
WIRING DIAGRAM (ATEM POWER VABG05A/013A)



WIRING DIAGRAM (ATEM POWER VABG004A/006A)



WIRING DIAGRAM (OTHERS)





WARRANTY



WARRANTY PERIOD:

Full 12 months warranty from date of purchase against all manufacturing defects. This dual battery system (smart hub) by ATEM POWER comes with guarantees that cannot be excluded under the Australian Consumer Law.

WHAT DOES THE WARRANTY COVER?

Under normal usage conditions, this warranty covers:

- 1.Any defect in design or manufacture which results in its failure to perform correctly as described.
- 2.We will either repair or replace the product at our discretion provide that the fault is found to have been caused by a design or manufacturing defect and not misuse or tampering.
- 3.The limited warranty is the only one that applies to this unit, and it sets forth all the responsibilities of ATEM POWER.

THE WARRANTY DOES NOT COVER:

- 1.Cost of removing and reinstalling the product.
- 2.Travel and /or other expenses due to customer's location
- 3.Transport charges and damage in transit. It is your responsibility to deliver and pick up your product, including any costs associated with the postage of repairing or replacing your product. If you want to send the product back we recommend that you insure against loss or damage.
- 4.Any loss directly or indirectly associated with the product that fails to operate.
- 5.Damage caused by mould, misuse, incorrect operation, adverse weather, accidents and daily wear and tear.
- 6.The warranty does not extend to subsequent purchasers or users other than OEM applications.
- 7.This unit is not intended for commercial use. This warranty does not apply to damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.