



**APE VAN x BSPK SOLAR
OFF GRID ELECTRICAL KITS**



APE VAN X BSPK SOLAR OFF GRID ELECTRICAL SYSTEMS IDEAL FOR ADVENTURE VANS

We have worked to develop off grid electrical systems that provide a fit and forget mentality for our customers. We focus on using the highest quality components as we understand failures in the field are an absolute nightmare.

We have put together three different levels of kit depending on your individual requirements, which include all the primary components along with wiring diagram and system install guide.

We have even included layout drawings and include elements like the blue trunking that allow us to keep our installs looking clean and professional.

We regularly work with self installers and for the true adventurers having an understanding of the system is definitely advantageous in the field. Likewise if this is a step too far we can put you in touch with someone who can do your installation.

We can also provide a completely bespoke service tailoring to you exact build.

Have Questions? Or want to discuss your project in more detail?

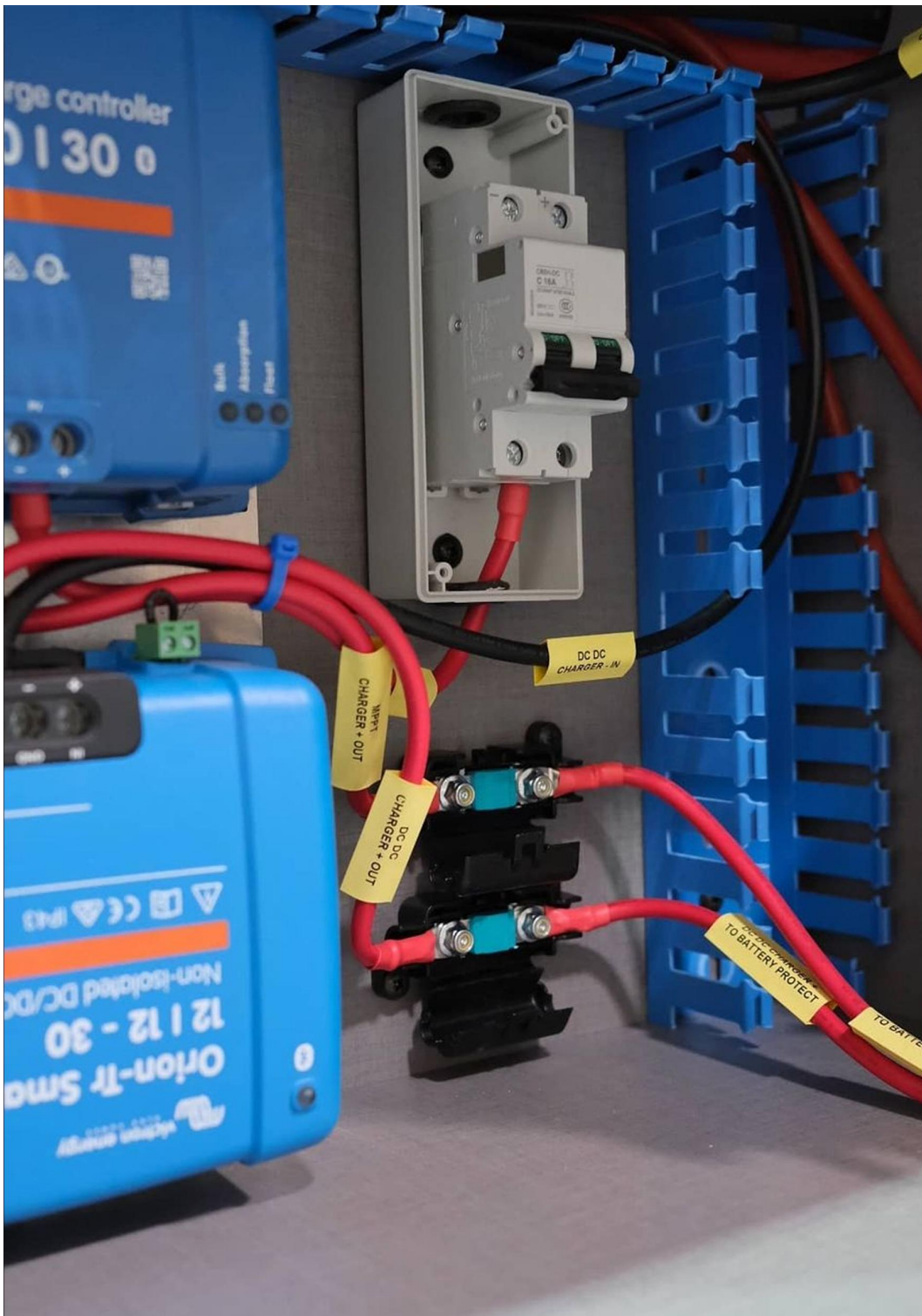
Email chris@bspksolar.co.uk to arrange a consultation.



APE
ADVENTURE VANS



BSPK
SOLAR



APE VAN ELECTRICS 1.0

THIS IS THE PERFECT KIT FOR THE WEEKEND GETAWAY OR LIGHTER USE EXTENDED TRIPS

Ideal for shorter off grid durations or for the more minimalist adventurer with less high power appliances. Still using the same exceptional high quality components that have become a feature of our installs, but potentially where space available for the install is a limiting factor, this is also a great basic install that can be upgraded in future.

SYSTEM INCLUDES:

- Victron Energy SuperPack Lithium Battery 12.8v/100Ah (High Current)
- Victron Energy Multiplus Compact 12/1600/70 Inverter/Charger
- Pair of Victron Energy 115w Mono Solar Panels
- Victron Energy SmartSolar 100/20 MPPT
- Victron Energy Orion Tr-Smart 12/12-30A Non Isolated
- Victron Smart Battery Protect 12/24v -100A
- Victron Lynx Distributor
- Victron Energy Digital Multi Control 200/200A GX
- Victron Energy BMV-712 Bluetooth Battery Monitor
- Blue Sea 12 Way Fuse Box
- Blue Sea Isolation Switch
- Blue Sea Circuit Breaker 100A
- Mains Consumer Unit
- Solar Disconnect & Shore Power Protection

The system also comes with a wiring diagram and system layout diagram.

PRICE:

Standard - £3,295

Deluxe - £3,495

RECOMMENDED APPLIANCES:

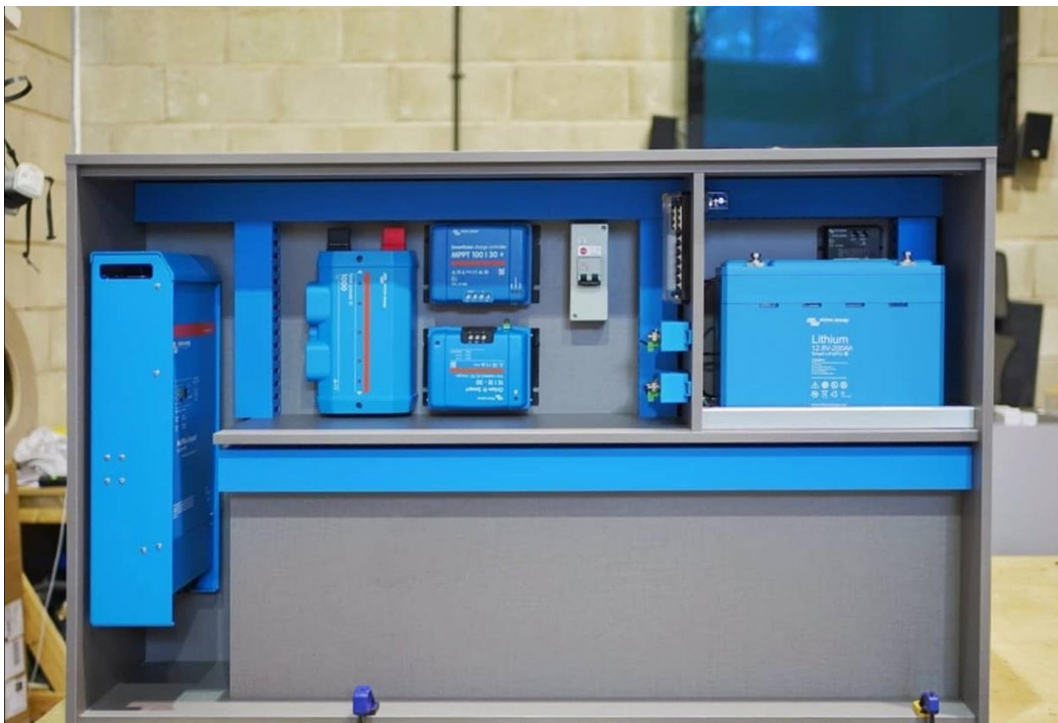
This kit is ideal for those primarily using low voltage appliances off grid, with the occasional use of high wattage items for short periods of time.

- Lights
- Water Pump
- Fridge
- Diesel/LPG Heater
- MaxxFan
- Charging (Phones/Laptop/Camera/ Tablets etc)
- Television/Radio

We would suggest the following mains appliances would be suitable for this system based upon short duration usage. (Max Mains 1300w)

- Microwave
- Coffee Machine (Pod Style)





APE VAN ELECTRICS 2.0 THE ULTIMATE ALL ROUNDER, IDEAL FOR EXTENDED OFF GRID TRIPS

This kit can support longer off grid trips and even full time living. Having a larger inverter for all but the most powerful appliances. As you can see from the photos this has been our go to installation for our recent builds. Fitting only the highest quality components that are fit and forget to allow you to focus on enjoying your adventures.

RECOMMENDED APPLIANCES:

This kit offers complete flexibility in terms of appliances for extended off grid use of the low voltage appliances from Kit 1.0 but also allowing a wider range of mains appliances to make your van a home away from home.
(Max Mains 1600w)

- Microwave
- Coffee Machine
- Single Induction Cooktop
- Blender
- High Dryer
- Games Console
- E-Bike

SYSTEM INCLUDES:

- Victron Energy LiFePO4 Smart Lithium Battery 12.8v/200Ah
- Victron Energy VE.Bus BMS
- Victron Energy Multiplus Compact 12/2000/80 Inverter/Charger
- Pair of Victron Energy 140w Mono Solar Panels
- Victron Energy SmartSolar 100/20 MPPT
- Victron Energy Orion Tr-Smart 12/12-30A Non Isolated
- Pair of Victron Smart Battery Protect 12/24v-100A
- Victron Lynx Distributor
- Victron Energy Digital Multi Control 200/200A GX
- Victron Energy SmartShunt 500A/50mV
- Victron Energy Cerbo GX
- Victron Energy Touch 50
- Blue Sea 12 Way Fuse Box
- Blue Sea Isolation Switch
- Blue Sea Circuit Breaker 100A
- Mains Consumer Unit
- Solar Disconnect & Shore Power Protection

The system also comes with a wiring diagram and system layout diagram.

PRICE:

Standard - £4,995

Deluxe - £5,195





APE VAN ELECTRICS 3.0

OUR MOST CAPABLE SYSTEM YET IDEAL FOR LONG ADVENTURERS OR FULL TIME VAN LIFE

This system has been developed for our first 4x4 sprinter conversion, it's ideal for longer adventurers, full time or those with higher powered appliances. It's also ideal for those considering removing LPG from their project entirely with the options long induction cooking and even off grid air conditioning becoming a realistic option.

RECOMMENDED APPLIANCES:

This kit offers the ultimate flexibility allowing you to use more powerful mains appliances. With the increased battery capacity allows for long term off grid adventures. We have increased the solar and split charge capacities. (Max Mains 2400w)

- Microwave
- Coffee Machine
- Double Induction Cooktop
- Blender
- High Dryer
- Games Console
- E-Bike
- Air Conditioning

SYSTEM INCLUDES:

- Pair of Victron Energy LiFePO4 Smart Lithium Battery 12.8v/200Ah
- Victron Energy VE.Bus BMS
- Victron Energy Multiplus II 12/3000/120 Inverter/Charger
- 4x Victron Energy 140w Mono Solar Panels
- Victron Energy SmartSolar 100/50 MPPT
- 2x Victron Energy Orion Tr-Smart 12/12-30A Non Isolated
- Pair of Victron Smart Battery Protect 12/24v-100A
- Victron Lynx Distributor
- Victron Energy Digital Multi Control 200/200A GX
- Victron Energy SmartShunt 500A/50mV
- Victron Energy Cerbo GX
- Victron Energy Touch 70
- Blue Sea 12 Way Fuse Box
- Blue Sea Isolation Switch
- Blue Sea Circuit Breaker 100A
- Mains Consumer Unit
- Solar Disconnect & Shore Power Protection

The system also comes with a wiring diagram and system layout diagram.

PRICE:

Standard - £7,395
Deluxe - £7,595



APE VAN ELECTRICS KIT OPTIONS

So all our kits come with all the primary components in addition we have included elements like the blue trunking you see in our conversions, high quality components from Blue Sea in the marine industry for elements like the fuse boxes, isolator switches and circuit breakers. We also include the smaller accessories like fuse holders.

We include detailed wiring diagrams, installation instructions and mounting layouts.

STANDARD VS DELUXE:

So standard kits include all the primary components, whereas on our deluxe kits we offer a few other accessories that will really finish off your install these include elements like the Scanstrut multi cable gland and new discrete hook up point we use on all our builds.

TAILORED SYSTEMS:

We can offer tailored systems, whether that be tweaking the solar panels to fit around your roof restrictions, or adding an additional battery this can all be tailored to be perfect for your project.

SYSTEM SUPPORT:

We can offer fully support systems to self installers including cable gauge services, personalised wiring diagrams, we can even supply every element including cables, connectors, fuses, shrink wrap and the other accessories for you to complete your install.



APE Vans:

www.apevan.co.uk
@outfit_my_sprinter

Bspk Solar:

www.bspksolar.co.uk/appevan-kits
chris@bspksolar.co.uk
@BspkSolar



APE
ADVENTURE VANS



BSPK
SOLAR