

Luxury Motorhome Upgrades to Lithium Hybrid System



Victron Equipment supplied:

- 1 x Phoenix MultiPlus 12V 2000VA 80A
- 1 x Smart LiFePO4 Battery 12V 300Ah
- 1 x BMS
- 1 x 50A Buck Boost DC-DC Converter
- 3 x 100W Monocrystalline Solar Panels
- 1 x 100/30 MPPT
- 1 x BMV 712 Smart
- 1 x Colour Control Remote Panel
- 1 x 12V/24V 100A Battery Protect

Equipment that the system powers:

- Electric Step
- Fridge
- Microwave
- Media Systems
- Power and Charging for laptops and devices

Energy Solutions worked alongside this motorhome owner to design, supply and commission a lithium hybrid power solution to increase available power; whilst simultaneously reducing weight and used space inside this luxury Adria Motorhome.

The customer knew that he wanted a lithium system and came to Energy Solutions as a “one stop shop” able to help with design and supply after a recommendation from a colleague.

Over the next 12 months the owner and his wife are driving across Europe visiting various countries. As they are living in the motorhome for the complete duration, reliability, renewable (free) energy and silent power were all strong considerations.

So why lithium? The neat and compact lithium system provides enough power for the load requirements in the motorhome, without compromising the weight of the vehicle; with the added benefit of AC power available whilst connected on site or while touring. The lithium battery can be charged quickly either via mains hook up (when available) or the vehicle's engine, in conjunction with a solar top up. All in all – a great power solution for their mobile life.

Case Study

Victron Lithium Hybrid Power System

