



RENOVA GEN

Renovagen FAST FOLD – CASE STUDY

The FAST FOLD system was trialled in late August by 45 Commando Royal Marines during an exercise in the UK. One FAST FOLD 1\5 unit (1kWp of folding solar panels and 5kWh of energy storage provided by one battery) supported a Command and Staff Training exercise with the FAST FOLD providing power to the deployed Headquarters.

Headline results were:

- Only 45 minutes training required for the troops to become confident with system operation
- The unit then ran the system for a week without any need to refer back to Renovagen with questions
- They needed to run only one Light Field Generator instead of the usual three
- Ran one gas generator for only 6 hours/day instead of three generators for 24 hours/day.
- Military unit saved 87% of the fuel normally consumed for an exercise of that duration

The customer provided the following reference/quotation for the equipment:

“As a theatre entry force, 45 Commando Group had considered a number of hybrid power systems in our efforts to increase sustainability on the battlefield. The Renovagen FAST FOLD system combines simplicity with affordability in a package that can be moved by hand and deployed extremely quickly. Early indications suggest significant fuel savings that have not previously been possible. Despite strict timelines, the Renovagen team engaged with our requirements, facilitated trials, conducted further research and delivered a high-quality end product that met the demands of the project.” – 45 Commando Royal Marines



FAST FOLD System deployed with 45 Cdo, RM on exercise in the USA

Renovagen Ltd, 30 Heathfield, Stacey Bushes, Milton Keynes, MK 12 6HR, UK

Renovagen Ltd is a company registered in England and Wales. Company number 8308732. Registered office: 30 Heathfield, Milton Keynes, MK12 6HR, UK