

## Historic House in a Cotswolds Village Full Pumping System Installation to Protect from Flooding

### The Project

This village in the Cotswolds suffers from weekly power cuts, and when combined with severe weather patterns, flooding is frequent. A previous waterproofing system was inadequately installed in this property and it was unable to cope with the volumes of water during the power outage. As a result, flood damage was a major problem.

### The Solution

Newton Specialist Basement Contractor [Guardian Preservation](#) were commissioned to provide a specification for a pumping system that would cope with the high volumes of water present during a power outage.

The [Victron Quattro Inverter](#) was chosen to provide pumping during power interruption. It works by inverting 12V DC power from a battery (or multiple batteries) to clean and efficient 230V power. Because of the length of the power outage, the client required extra security in the instance that the batteries depleted before the power was restored, which in this particular village was very frequent. The self-start Generator System was installed and linked to the Victron Quattro Inverter.

Two [Newton NP750](#) high performance pumps were installed.

### The Result

The combination of the Victron Quattro Inverter alongside the Generator System provides unlimited power during prolonged power outage, ensuring that the basement remains dry at all times.



A Generator System was installed in the house.



Newton NP750 Pump.



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## The Products

### VICTRON QUATTRO

The Victron range of Inverter/Chargers provide advanced solutions to ensure that Newton Pumping Systems continue pumping during power interruption by inverting 12V DC power from a battery (or multiple batteries) to clean and efficient 230V power.

### NP750 PUMPS

The Newton NP750 is a high performance ground and clean water pump. The NP750 is available as an automatic pump or as a manual pump for use with our pump control systems. The NP750 is available as pump only, or as a key component in our Newton Titan-Pro packaged pump systems.



The Victron Inverter was installed temporarily at the start of the project.



Once internal works were complete, the Inverter was permanently installed.



The Dual Pumping System comprised of two NP750 Pumps.

## Newton Specialist Basement Contractors

Newton recommends that our systems are installed by one of our nationwide network of Newton Specialist Basement Contractors (NSBCs). Trained by Newton, NSBCs offer a full guarantee on the design and installation, and can act as Waterproofing Design Specialists.



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