



All the power you need, *anywhere you want it.*

Providing power independent of the grid is straightforward enough. A simple generator will do the job of course. You don't have to think too hard, though, and the drawbacks are obvious - continual noise, inefficient use of fuel, frequency of refueling and servicing; all factors that are undesirable quite apart from the poor environmental credentials.

A hybrid system offers a smarter solution without compromising power availability. Given that a typical energy consumption profile comprises long periods of low power use punctuated by short periods of high power demand, a system that utilises a generator only when it is really needed and then relies on stored energy to cover the longer periods of low energy use makes far more sense.

The use of the smart MultiPlus inverter technology gives total flexibility to meet any requirement regardless of how simple or complex needs may be. Cost effective solutions can be configured that deliver simple operation as well as

optimising fuel efficiency and embracing renewable resources. In short, the very best of all worlds.

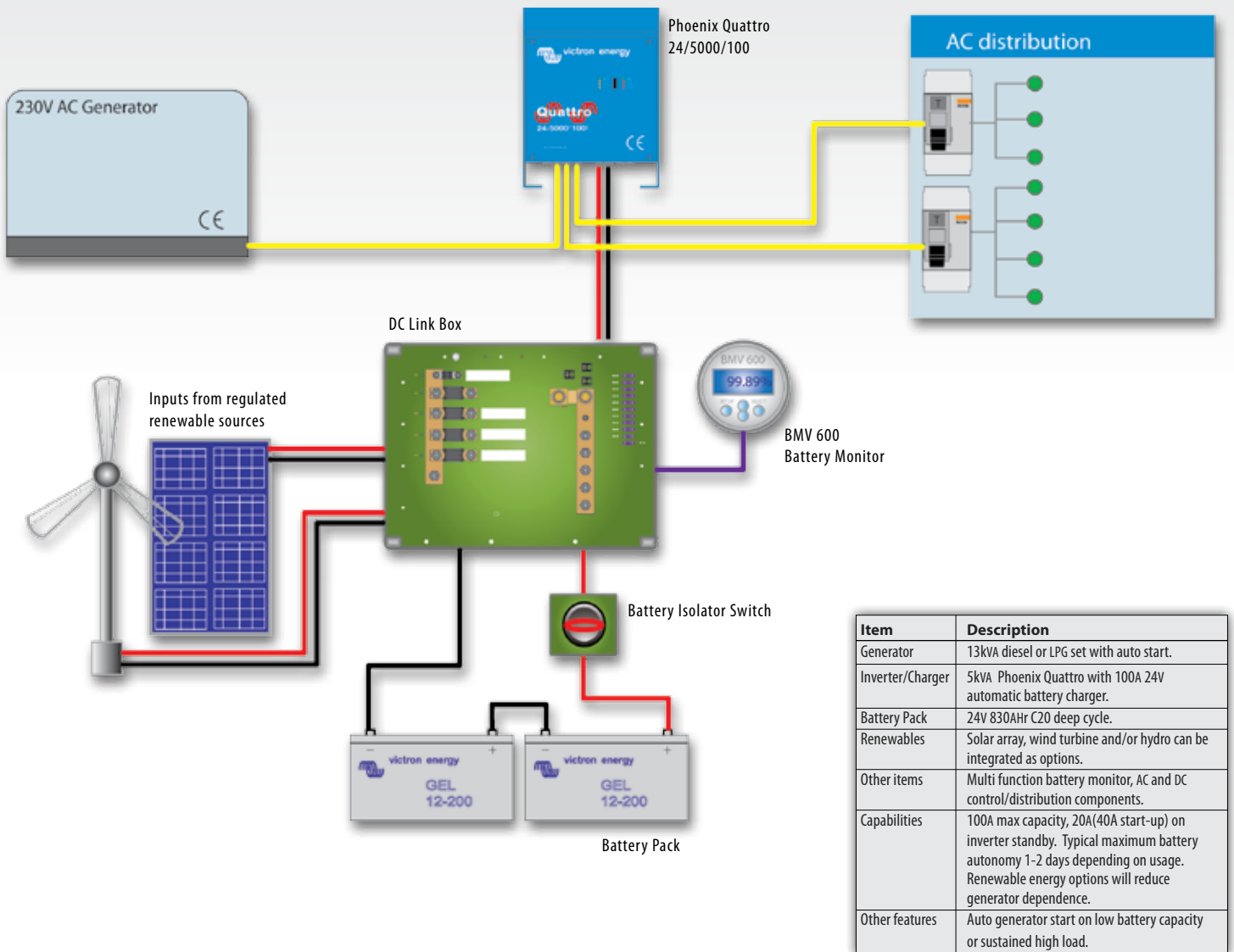
Hybrid power solutions marry conventional power generation with alternative, clean resources through use of the very latest control and management technologies.

Hybrid power solutions are increasingly used in both domestic and industrial applications. In either case, significant operational savings are made on all levels; financial, time and in terms of emissions.

Additional to the data provided here, more information can be found on our website. Our speciality is in configuring bespoke solutions to meet budget and technical specification. We would be pleased to discuss your needs in detail.



Electric System for Remote Dwelling



The diagram depicts a typical hybrid power solution. Power is derived from a conventional generator supplemented by input from wind, solar and/or hydro generation sources. Energy is stored in a high capacity battery bank and reclaimed through an inverter system for use during non-generator periods.

The MultiPlus inverter technology enables optimised generator use by using spare capacity to charge batteries and then using PowerAssist® technology to supplement the generator's output for temporary peak power demand. Generator size is minimised, loading is constant and run time minimal - all saving cost of fuel and servicing as well as

reducing emissions. Input from renewable resources further reduces dependence on generator run times with even greater savings.

MultiPlus can be used as a single unit or stacked to achieve higher power outputs. Solutions are available from 800 watts to tens of kilowatts.

Options are available for automation of the system giving auto-start of the generator on low battery or sustained high demand, for example. There is also the option of remote control and monitoring via internet based tools ideal for unmanned commercial sites or dwellings that are not permanently occupied.