

Rabobank Cycling Bus equipped with Victron



Bicycle races are popular all over the world, especially in Europe. In The Netherlands there is a special team: the Rabobank Cycling Team. This is a professional bicycle racing team, sponsored by the Rabobank. The team tours around the world in their 'Rabobank Cycling Team Busses'. The equipment of the team is being transported in the 'Rabobank Cycling Team Truck', which is fitted with Victron Energy gear.

Rabobank Cycling Team

The Rabobank is the main sponsor of the Royal Dutch Cycling Union (KNWU). They also own two cycling teams: the ProTeam, which is comprised of professional cyclists, and the Continental Team, which is where cyclists are trained to become professionals. In order to compete in races, the Rabo-Cycling Team travels to many countries such as Italy, Belgium and Spain. The cyclists travel in luxurious tour busses, followed by their truck that carries all of their necessary equipment such as a washing machine, a dryer and two refrigerators.

Rabobank Cycling Team Truck

The Truck is equipped with a Victron Energy system. This system is made up of a Cryix, an Orion DC/DC Converter, a Phoenix Multi Control Panel and a [Quattro](#) 24/5000/120. The Quattro is connected to a Fischer Panda generator. Thanks to the Quattro, it is now possible to generate more than twice the amount of power, which is stored in four Victron Telecom batteries. The team uses this power for their washing machine and other electrical equipment in the bus.

More Power with the Quattro

One of the advantages of the current system is that the generator supplies a maximum power of 80%, this is limited by the Quattro. The Quattro supplies additional power from the batteries. When the Quattro is in stand-by modus, it will always supply a voltage of 230V. Sometimes power is needed for a longer period of time, when the washing machine is operating for example. When this happens, the Quattro will automatically start the generator. It is also possible to connect the truck to shore current instead of using the generator. Victron's Phoenix Multi Control panel can be used to set the power.



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Photo 1: The Fischer Panda generator .



Photo 2: Four Victron Telecom batteries.

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Photo 3: Victron Quattro 5kVA.

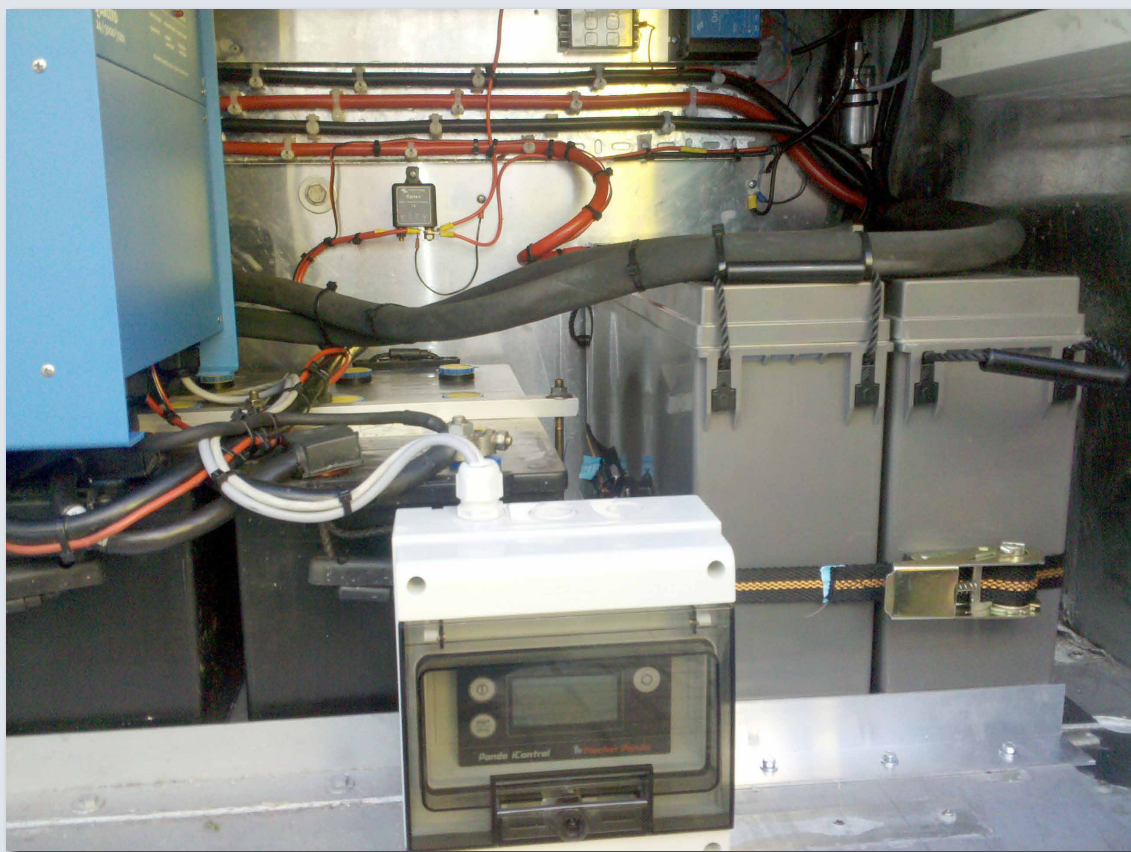


Photo 4: The Victron Quattro.