



## BACKUP POWER SYSTEMS SAVE LIVES

*A power breakdown can cause important mechanisms and installations to fail. Imagine defective level crossing gates, traffic lights, safety shutters or elevators. Victron Energy offers a back up power system that easily solves this problem.*

The system consists of a Phoenix MultiPlus inverter charger combination, a Victron Energy Gel battery and a BMV 501 battery monitor. Due to its UPS functionality (Uninterruptible Power Supply), the system can switch from mains to back up power within 20 milliseconds. This means that the installation dealing with the power breakdown will function without disruption.

After a successful pilot project for the Dutch Ministry of Traffic and Rural Affairs, Victron Energy has begun the process of supplying back up power systems installed for traffic lights at black-spot locations.

*“Victron Energy has provided us with a reliable and efficient solution to power breakdown problems” says Han Buurman, Project Executive at the Dutch Ministry of Traffic and Rural Affairs “The system is compact, environment friendly (no generator meaning no fuel and toxic fumes) and cost effective. The possibility of remote programming and monitoring through VE configure, software we were offered by Victron, makes it a reliable and safe industrial solution. I can recommend it to everyone!”*



Installed backup power installation



Installation of a backup power system