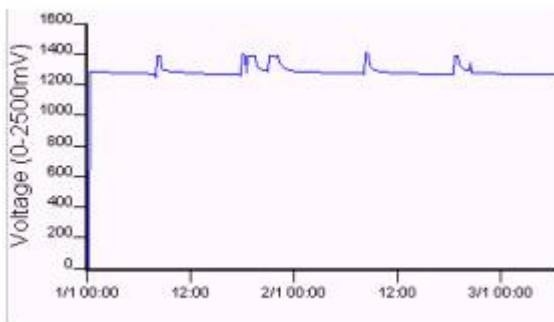


# Intelligent Power Systems



The two graphs below show the voltage cycle of a road vehicle with a single lead-acid battery. The peaks in the first graph show where the vehicle is being driven and the battery charged. The second graph shows a discharge, where the battery is left with a load it can not sustain. It eventually discharges, and the vehicle can not then be started.

OSYS technology has worked with users and with a leading manufacturer of DC-DC supplies and developed a power unit that exploits the voltage characteristics of the vehicle battery, and other in vehicle signals, such as ignition sensing. Using these techniques supplies for computers, printers and accessories can be made available whilst removing the risk of over discharging the vehicle battery.



- Battery voltage sensing
- Time delay to extend computer power usage time
- Ignition interlock or override option

- Voltage Boosting - compatibility with most laptops and portables
- Constant Current - for battery charging
- Hard wired / installed / cigar plug options
- Options of output connections
- Installation service if required
- High reliability based on proven technology

*Consult OSYS for your vehicle system integration*