

The Secret is Out

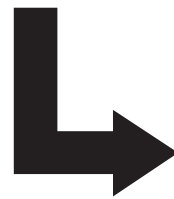
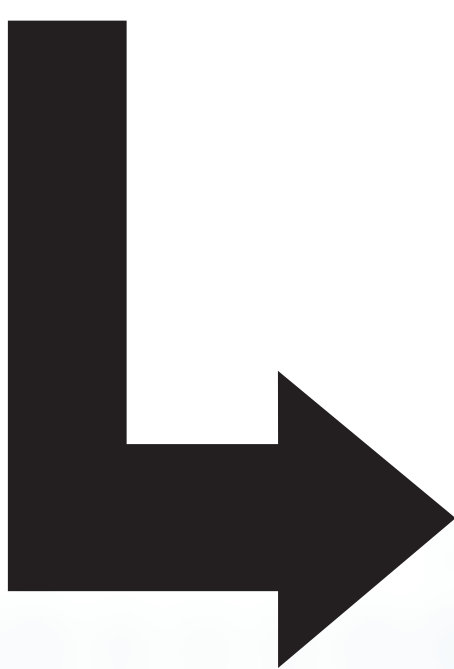
A discharged vehicle battery will cost your Fleet far more



than you think.



Fleet managers tell us a down vehicle due to a discharged battery can cost anywhere from



\$450 to \$1,000

- **Vehicle downtime**
- **Lost productivity - driver**
- **Lost productivity - rescuer**
- **Lost productivity- recharge dead battery**
- **Procurement cost, may have to buy new battery**
- **Labor cost, remove dead battery**
- **Labor cost, install fresh battery**

There is *one* perfect solution:



POWER-GATE™ Solid-State Devices Low Voltage Disconnect (LVD) High Current



One perfect Low Voltage Disconnect

One module

One input from the battery

One output post for:

- all high current accessories
- all low current accessories

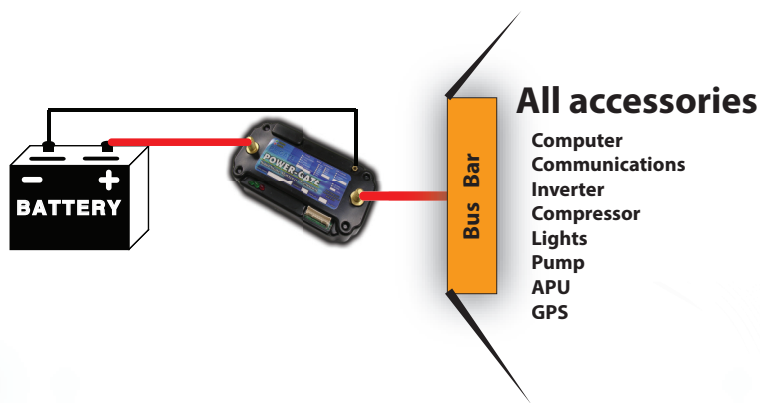
One device for low voltage protection

One device for high voltage protection

One device for overcurrent protection

POWER-GATE LVD

Perfect Switch
The Power of One

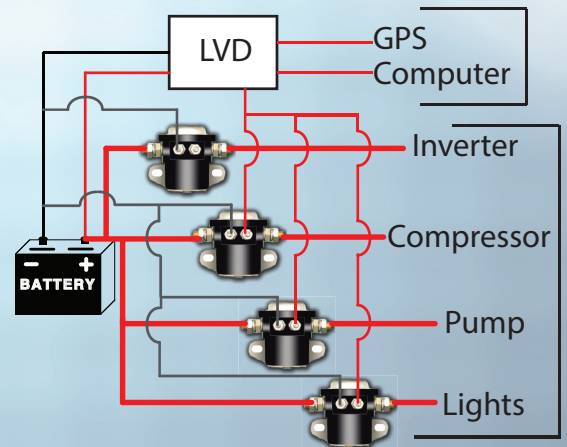


The POWER-GATE Low Voltage Disconnect is a MOSFET-based, high current solid state relay designed to be placed between a battery, and loads being powered from that battery. With an on-board programmable microprocessor, the device can be quickly customized to meet the user's requirements including:

- low voltage cutoff
- overcurrent protection
- timers
- manual override trigger
- short circuit protection
- fully autonomous operation
- high voltage cutoff
- overtemperature protection
- delays
- manual activation trigger
- transient self-protection

Everyone Else's LVD

Most LVD's can only handle low current accessories like a GPS or computer while high current accessories must be powered through separate, high-current contactors. This requires multiple components along with all the wiring and maintenance needed to service this additional complexity.



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