



Vanner IdleWatch for Engine-off AC/DC Power for Trucks



Vanner's IdleWatch helps meet the industry's no-idle regulations, while increasing battery life and improving fleet efficiency

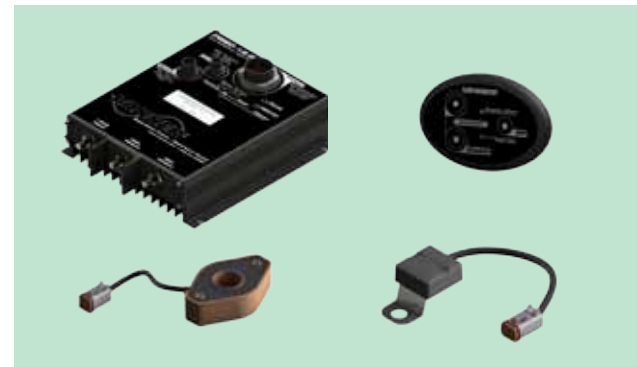
Vanner announces its **new IdleWatch "Hybrid" Idle Reduction System** that helps fleets work more efficiently and meet the industry's no-idle regulations—providing the benefits of reduced fuel consumption and exhaust emissions, and silent AC power access in residential areas.

The IdleWatch recharges a battery fully before shutting off the engine to increase a vehicle's battery life. It enables fleets to operate AC and DC power tools and equipment from the battery when the engine is *not* running.

IdleWatch constantly monitors the battery state-of-charge. Should the battery discharge below the user's predetermined point, the **IdleWatch** will auto start the vehicle to recharge the battery, or notify the driver with a signal, such as a horn or buzzer, to start the vehicle's engine or turn the equipment off. Fleets have uninterrupted AC and DC power when the auto start feature is engaged, improving worker efficiency with less on-the-job downtime. If the battery state-of-charge falls below a preset level, **IdleWatch** can **shut off** the load or sound an alarm or start the engine with appropriate safety checks before engaging.

The IdleWatch can be installed in any 12-volt or 24-volt electrical system and any make or model vehicle. It can also be used with an inverter. The system can also be installed on new vehicles at the truck equipment manufacturer before delivery or retrofitted on existing vehicles in the fleet.

Key system features, such as battery discharge levels, mobile AC power availability and fast-idle can be programmed and customized to each vehicle's use.



Pilot testing in progress. Products will be available in **June/July 2010.**

Contact your Vanner representative to pre-order for your 2011 vehicles.

A market leader for more than 30 years, Vanner's patented power conversion and power management technologies include: High Voltage DC-DC Converters, Idle-Reduction Systems, Ultracapacitor Start Assist Systems, Model-based Battery Monitoring, Battery Equalizers with Internal Battery Monitoring and J-1939 CAN Bus Communication, and our broad offering of AC Power options for traditional and hybrid powered commercial buses, ambulances, military vehicles, luxury coaches, mobile offices and heavy duty/work trucks.

EXPERIENCE POWER... EXPERIENCE VANNER.