

# Introducing the Hybrid Power System from Bergstrom and Kohler

A revolution in idle-reduction technologies



Offering the best aspects of a battery and an APU, the Hybrid Power System is unlike any other idle-reduction equipment. That's because the Hybrid Power System combines the Bergstrom NITE<sup>®</sup> Plus System with a KOHLER<sup>®</sup> DC power unit. The result is a cost-effective, virtually maintenance-free, easy-to-install idle-reduction system. And with both anti-idling regulations and fuel costs on the rise, the Hybrid Power System puts you in the driver's seat. Isn't that where you want to be?

**KOHLER**<sup>®</sup>

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### HERE'S HOW IT WORKS

Instead of idling, the Hybrid Power System provides stable power to the truck, allowing the owner to efficiently run the HVAC system. When the battery power levels decrease to low voltage levels, the low-battery indicator is triggered and the KOHLER® DC power unit begins to recharge the batteries while keeping the Bergstrom NITE® Plus System operating uninterrupted. Should the truck's battery also be depleted, the KOHLER DC power unit is able to recharge it. Because fuel is used only when the DC unit is recharging the batteries, very little is consumed. And when the Bergstrom NITE Plus System is running completely from battery power, it uses no fuel whatsoever and is 100% CARB compliant.

### FEATURES AND BENEFITS

- **Powerful**  
Provides 110 amps DC power, 4,600 Btu/hr cooling and 7,500 Btu/hr heating.
- **Fuel-Efficient**  
Because so little fuel is needed, this system is extremely cost-effective, even when used for lengthy periods of time, sipping less than 0.1 gph in recharge mode, .05 gph in heater mode and 0 gph in air conditioning mode.
- **Minimal Maintenance**  
There is virtually no maintenance on the batteries and air conditioning unit. And because the KOHLER DC power unit is used only to recharge the batteries, it requires very little maintenance.
- **Low Noise Levels**  
Advanced KOHLER engineering provides a custom sound-attenuated enclosure that keeps the DC power unit operating at 68 dBA in recharge mode and 50 dBA in heating and air conditioning mode.
- **Light, Compact Design**  
The frame-rail mounted KOHLER DC power unit weighs less than 250 pounds and measures a compact 15" x 28" x 24". The space-saving design of the Bergstrom NITE System requires minimal room under the bunk, leaving plenty of usable storage space.
- **Emission Friendly**  
The Hybrid Power System is EPA Tier 2 certified and CARB compliant except for the minimal time when in recharge mode.

### THIS HYBRID POWER SYSTEM CONSISTS OF:



DC POWER UNIT



  
AIR CONDITIONING UNIT



IN-CAB DUCT



ESPAR HEATER

For more information on how the Hybrid Power System makes life on the road easier and more comfortable, contact **800.544.2444** or visit **KohlerPower.com/mobile**.

# KOHLER®