

# SERIES 4000 eAPU™



Idle Free offers an electric APU that is mounted behind the cab for trucks with limited frame rail space.

## BENEFITS

### Affordable

- Saves 3000 gallons of fuel per year vs. truck idling
- Saves 600 gallons of fuel per year vs. diesel APU
- Minimal maintenance required

### Effective

- 10 hour run time\*
- Recharge time of 4-6 hours
- Unlimited run time is available with standard shore power or our Reefer Link® technology which utilizes the reefer to power the APU

### Comfortable

- Evaporator installs without any duct work for better, quieter air flow and cooling capacity
- Cools to 75°F in 5 minutes\*

### Environmentally friendly

- EPA SmartWay verified
- CARB compliant
- Complies with all states' anti-idling laws

## WHERE TO USE

- Over-the-road sleeper with limited frame rail space
- Over-the-road sleeper pulling a refrigerated trailer

\*Third party test lab confirmed TMC RP432A



## HERE'S HOW IT WORKS

The Idle Free® eAPU™ system captures and stores energy from the truck's alternator in independent AGM batteries. This energy is then converted into power for heating, cooling and electrification. Performance results have been verified by a third party certified test lab.



The Idle Free eAPU is an EPA SmartWay-verified technology.

## SPECIFICATIONS:

- 27.6" L x 32.5" W x 28.6" H
- \* Trailer swing clearance must be accommodated to clear the APU
- Compressor capacity rated at 7500 BTUs
- Batteries: 4 deep cycle AGM batteries
- Patent-pending battery box design
- Electrical power: 120 volt outlet in bunk
- System weight: 380 lbs
- Install time: 6-8 hours
- Warranty: 2 years

\* For heat option, contact your Idle Free Sales Manager

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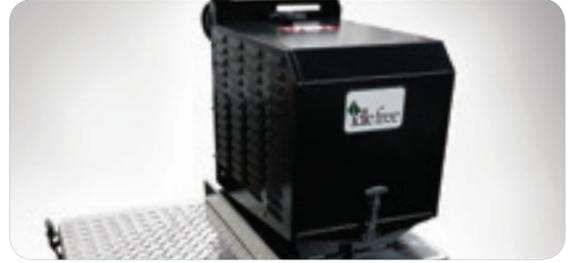
# THE COMPLETE ELECTRIC APU SOLUTION™

## IDLE FREE® eAPU™

The system is shipped assembled, tested and ready to be installed. All wiring harnesses, cables, and connections are already made, and the air conditioner is pre-charged to its optimal performance level. Designed to install quickly and easily.

### FRAME RAIL SYSTEM

Contains 4 AGM batteries, battery separator, and AC compressor/condenser unit. Mounts behind the cab and utilizes a patent-pending battery box.



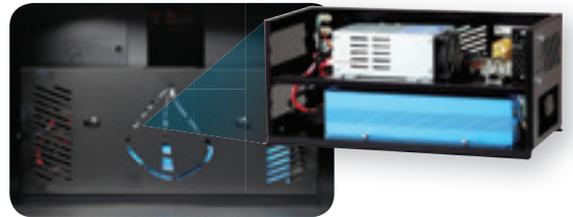
### THERMOSTAT

Mounts inside the bunk and is used to control the air conditioner with simple push button controls.



### POWER MODULE

Located under the bed in the bunk area, it contains the pure sine wave inverter to convert 12 volt DC to 120 volt AC electricity; the power converter/battery charger; and the AC/DC circuitry.



### EVAPORATOR

Installs quickly in the bunk, on a shelf, or in a closet to provide air flow and cooling.



### SHORE POWER

Standard with every Idle Free® system. Use shore power for unlimited run time and to fully charge the AGM and truck batteries.\*



\*Third party certified, test lab confirmed.

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