

# AUXILIARY POWER UNIT MODELS



Idle Free Systems® offers a complete electric APU solution for idle elimination

## BENEFITS

### Affordable

- Saves 3000 gallons per year vs. truck idling
- Little or no annual maintenance required
- Saves 600 gallons per year vs. diesel APU

### Effective

- Run time up to 10 hours\*
- Recharge time of 4-5 hours
- Engine pre-heat to eliminate cold starts
- 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 only 5 minutes.

### Environmentally Friendly

- EPA SmartWay verified
- CARB compliant
- Complies with all states anti-idling laws while reducing your carbon footprint.

## WHERE TO USE

- Over-the-road sleeper
- Reefers

\* Third party, test lab confirmed



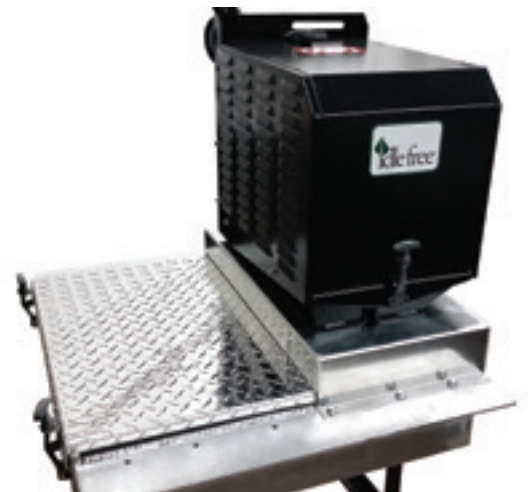
SERIES 1000



SERIES 2000



SERIES 3000



SERIES 4000

\* Battery box included

Learn more about ...  
**SmartWay**  
[www.epa.gov/smartway](http://www.epa.gov/smartway)

The Idle Free electric APU is an EPA SmartWay-verified technology.

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**PHILLIPS & TEMRO**  
industries®

# AUXILIARY POWER UNIT MODELS



	SERIES 1000	SERIES 2000	SERIES 3000	SERIES 4000
<b>Size</b>	L 30.85" x W 20.24" x H 26.7"	L 22" x W 20.24" x H 17"	L 20.79" x W 15.18" x H 18"	L 27.6" x W 32.5" x H 28.6" dimensions include battery box
<b>Required Frame Rail Clearance</b>	24"	24"	18"	0"
<b>12V DC to 120V AC Inverter</b>	1500W, pure sine wave inverter	1500W, pure sine wave inverter	1500W, pure sine wave inverter	1500W, pure sine wave inverter
<b>Mounting Location</b>	Mounts on the frame rail of the truck	Mounts on the frame rail of the truck	Mounts on the frame rail of the truck	Mounts behind the cab
<b>Batteries</b>	4 AGM	4 AGM, separate battery box	4 AGM, separate battery box	4 AGM, patent-pending battery box
<b>Air Conditioning</b>	Standard: 7,500 BTU's	Standard: 7,500 BTU's	Standard: 7,500 BTU's	Standard: 7,500 BTU's
<b>Heat</b>	Standard: 17,000 BTU's	Standard: 17,000 BTU's	Optional	Optional
<b>Power Converter/ Battery Charger</b>	Standard	Standard	Standard	Standard
<b>Shore Power</b>	Standard	Standard	Standard	Standard
<b>Reefer Link</b>	Optional	Optional	Optional	Optional

## Recommended Alternator Requirements:

- 25 additional AMPs of alternator capacity per each AGM battery in your APU. (In most cases, a 270 AMP truck alternator will suffice)
- The alternator have remote voltage reading capability