



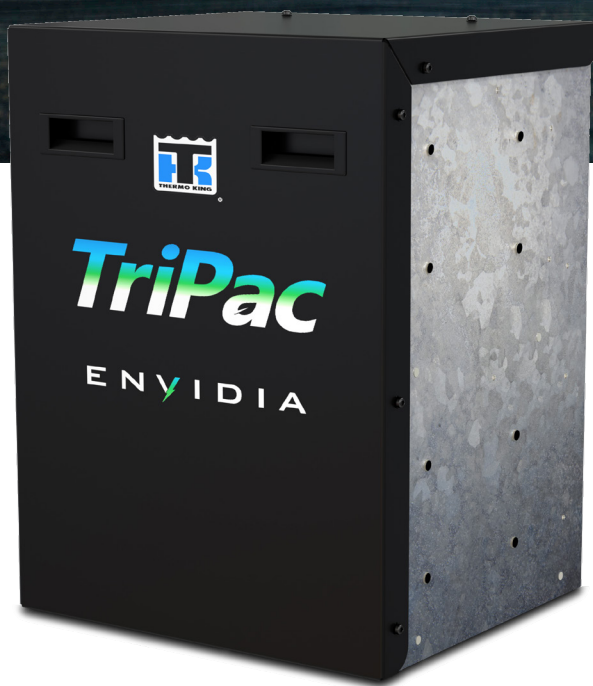
## 2nd Generation TriPac Envidia<sup>®</sup> APU

All-electric APU with industry leading power and performance for superior driver comfort.





# TriPac



The 2nd Generation TriPac Envidia is a clean, reliable all-electric auxiliary power unit (APU) that not only saves fuel but delivers unmatched driver comfort previously unavailable in an electric unit.

Thermo King, who is already known for building the best selling TriPac diesel APU in the industry, now offers an all-electric version that provides industry leading power and performance. See why the TriPac Envidia is the right choice for you.



# ENVIDIA<sup>®</sup>

## CLEAN, QUIET COMFORT

With no diesel engine, the TriPac Envidia runs clean and emission-free, and is significantly quieter than engine-based APU systems. As the expert in idle compliance, Thermo King designed the TriPac Envidia to meet anti-idle and anti-emissions regulations nationwide, including CARB requirements.

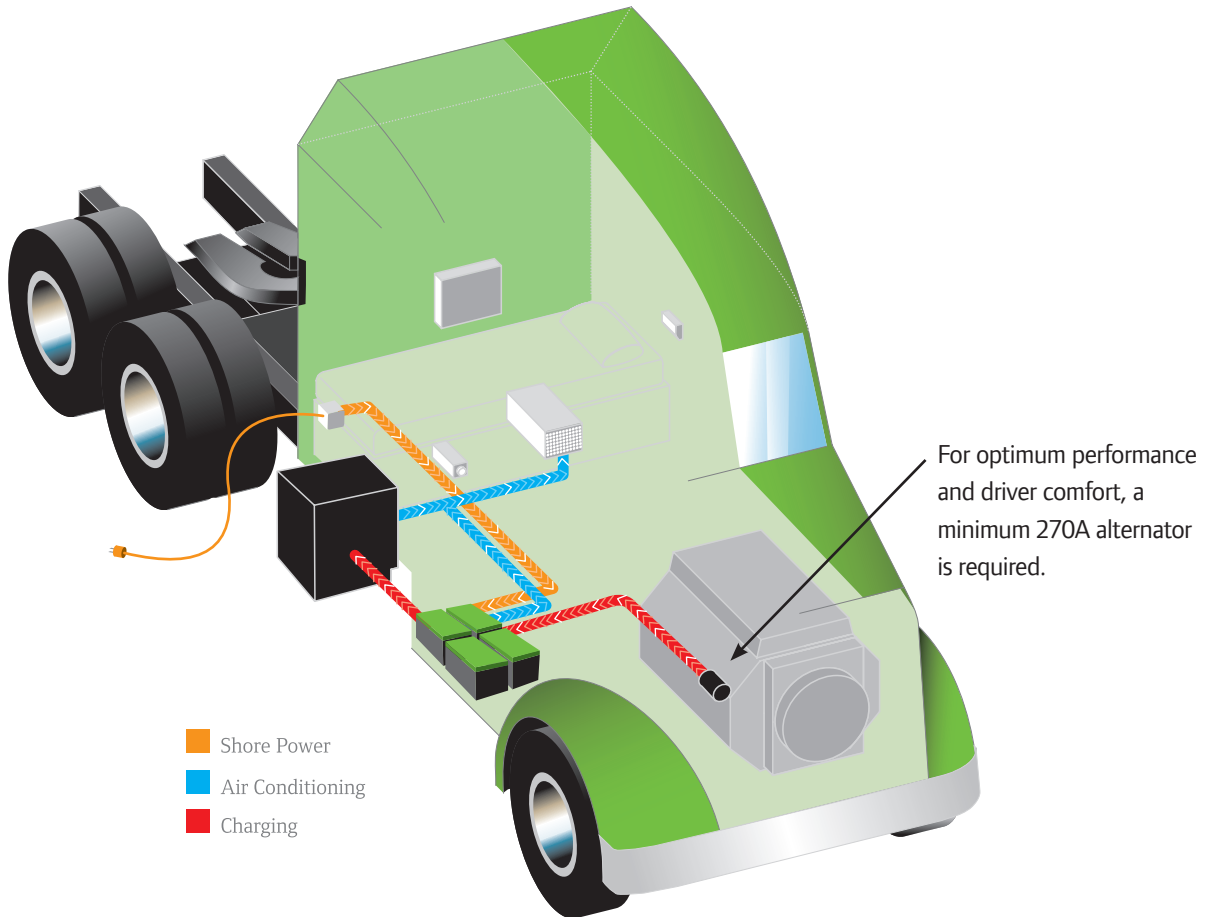
## SERIOUS FUEL SAVINGS

The TriPac Envidia is an all-electric, battery-based APU system, which means significant savings on fuel. By reducing operation of the tractor engine, the system also delivers big cost savings on maintenance.

## UNMATCHED SUPPORT

There are many electric APUs out there, but only the TriPac Envidia has the support of the nationwide Thermo King dealer network, which provides expert installation, factory-certified technicians, and genuine OEM parts at over 200 locations across North America.

# THE TriPac ENVIDIA SYSTEM



## THE NXT BATTERY

Engineered for optimum performance with TriPac Envidia

- Designed to maximize performance and increase runtime\*
- Dry cell technology for greater efficiency, longer life and a lower life cycle cost

## SHORE POWER

Available option allows system to be plugged in where possible.

- Run your HVAC unit on shore power for low HVAC loads.
- Charge your TriPac Envidia APU batteries and tractor batteries simultaneously.

\* The 2nd generation TriPac Envidia APU does not include the smart charging modules from the previous model.



## TriPac ENVIDIA: THE ALL-ELECTRIC BENCHMARK FOR DRIVER COMFORT

In the past, users of all-electric APUs had to contend with limited runtime and limited power, which negatively impacted driver comfort, rest and safety. Those days are over, thanks to TriPac Envidia.

Effective heating and cooling for maximum comfort.

The power to run the devices that make the sleeper cab feel more like home.

Quiet operation for uninterrupted rest.



## SIMPLE IN-CAB CONTROLLER

The Simple HMI (Human Machine Interface) is the driver control module that is typically mounted in the bunk area. It is an easy-to-use control that allows the driver to select the desired function of the system.

### Power/Mode Switch

Select between cool, fan, and heat modes.

### Battery Power

Indicates charge remaining in batteries.



### Cab Temperature

Controls temperature of cab.

### Fan Speed

Allows selection of fan speed.



## THE TriPac ENVIDIA: CASHFLOW-POSITIVE FROM MONTH ONE

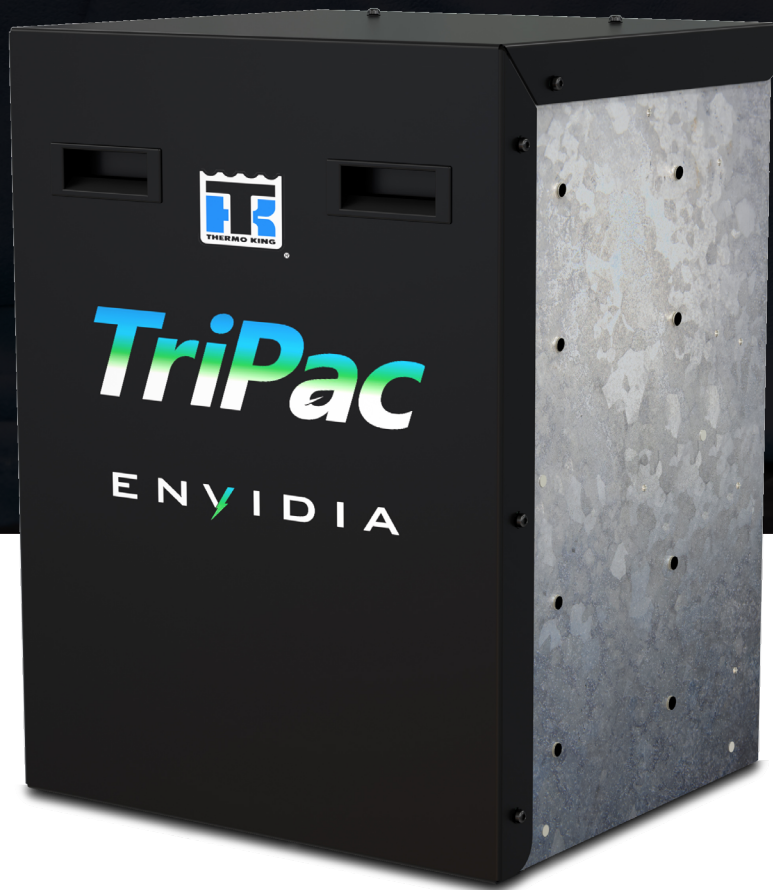
Your Idling Hours Annually	\$2.50 a Gallon			\$3.00 a Gallon			\$3.50 a Gallon		
	Tractor Idling	TriPac Envidia (with heat)	Savings Per Month	Tractor Idling	TriPac Envidia (with heat)	Savings Per Month	Tractor Idling	TriPac Envidia (with heat)	Savings Per Month
3,000	\$563	\$96	\$466	\$675	\$114	\$561	\$788	\$132	\$656
2,500	469	82	387	563	96	466	656	111	545
2,000	375	67	308	450	79	371	525	90	435
1,500	281	52	229	338	61	277	394	70	324
1,000	188	37	150	225	43	182	263	49	214
500	94	22	71	113	25	87	131	28	103

**EXAMPLE:** If you idle 2500 hours per year with a fuel price of \$3.00 per gallon, you can save up to \$466 per month based on fuel costs alone with TriPac Envidia.

**Tractor Idling Assumptions**  
Idling Fuel Use.....1.0 gph

TriPac Envidia Assumptions		
Mode	(% per year)	gph
Cooling	60%	0
Heating	40%	0.06*

Find your monthly savings with TriPac Envidia (based on fuel consumption only). \*Fuel consumption will vary based on ambient temperature and tractor cab insulation characteristics.



## CUSTOM CONFIGURE YOUR TriPac ENVIDIA WITH A WIDE ARRAY OF OPTIONS

### BASE TriPac ENVIDIA

Provides sleeper/cab cooling and electric power.

- 8,000 BTUs/hr air conditioning system
- Installation kit (fits all tractors)





- **INVERTER**

1000 watt Pure Sine inverter to power your appliances and electronics.

- INVERTER & SHORE POWER PACKAGE

- **HEATER**

With 7,500 BTUs/hr of heat to keep you warm and comfortable.

- **BRUSHED STAINLESS STEEL CONDENSER COVER**

Adds additional corrosion protection as well as that finishing touch.

- **MOUNTING OPTIONS**

Thermo King offers a variety of mounting options to truly tailor your APU system installation to your needs.

- DIRECT MOUNT INSTALLATION KIT
- DIRECT MOUNT WITH 1" SPACER
- CLAW MOUNT WITH 1" SPACER

- **ThermoLite® SOLAR PANEL**

Add solar panels to your configuration to aid in battery charging and increase runtime.

- **HIGH OUTPUT HEATER**

With 13,600 BTUs/hr of heat, this heater will keep you warm on the coldest of nights. With only slightly higher fuel consumption than the standard heater, this option is popular with drivers operating in the northern United States and in Canada.

- **ADDITIONAL NXT BATTERIES**

Another set of 4 NXT batteries will help to standardize your tractor batteries to high quality, long life batteries.

- **SHORE POWER CONVERTER**

Plug into shore power when available to charge both the truck and TriPac Envidia APU batteries simultaneously.

- INVERTER & SHORE POWER PACKAGE



## ThermoLite<sup>®</sup> SOLAR PANELS

ThermoLite solar panels can deliver clean, reliable performance in a wide variety of applications, resulting in longer battery life, decreased waste, lower fuel consumption, and reduced emissions. Given these potential benefits, ThermoLite solar panels can be an important part of a comprehensive sustainability program for your business.



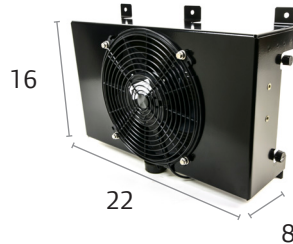
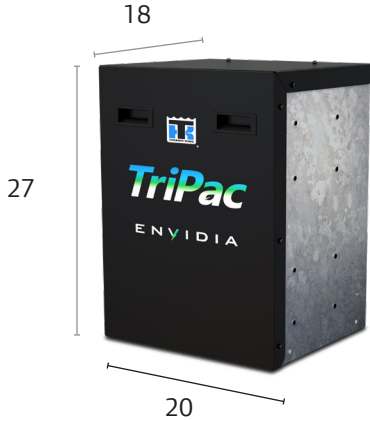
# EXPERT SERVICE AND SUPPORT ARE AS CLOSE AS THIS SIGN.

THE ONLY ELECTRIC APU AVAILABLE  
WITH THE SUPPORT OF OVER 200 FACTORY-AUTHORIZED SERVICE  
CENTERS NATIONWIDE.

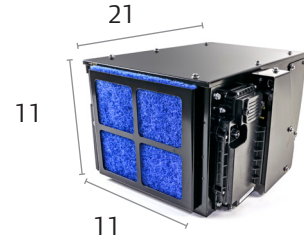
CHOOSE TriPac ENVIDIA AND ENJOY THE SUPPORT OF THE THERMO KING DEALER NETWORK.

# SPECIFICATIONS

## DIMENSIONS INCHES



Condenser



Evaporator

### EVAPORATOR AIRFLOW

230 ft<sup>3</sup>/min

### REFRIGERANT

HFC R-134a

### AIR CONDITIONING CAPACITY\*

BTUs/hr	Watts
8,000	2,342

### TRACTOR ALTERNATOR

Minimum Size Required  
270A

### CONTROLS

The TriPac HMI Controller features a simple three-knob design for easy operation.

### HEATING CAPACITY

BTUs/hr	Watts
7,500	2,200
13,600	3,986 (optional)

### SYSTEM WEIGHT (APPROX.)

Battery Box w/Cables:	470 lbs
Evap:	66 lbs
Condenser w/Drier:	26 lbs

### WARRANTY SUMMARY

Terms of the Thermo King Limited Express Warranty are available upon request.

### EXTENDED WARRANTY

Several Extended Warranty options are available for your TriPac system. Choose a flexible program and select the warranty period, deductible and hours of operation that best meet your needs. Ask your local Thermo King dealer about nationwide coverage plans.

\***AHRI STD** - Standard for Performance Rating of unitary Air Conditioning and Heat Pumps for the rating conditions of 80F Box, 50% humidity, and 95°F ambient.



## Thermo King's Performance Advantage™ Service Offerings

Looking to cut costs and maximize your fleet uptime? Our range of service plans help you choose the right maintenance investment to keep you on the road and running strong. Tap in to the nation's leading experts in transport refrigeration maintenance and experience the Performance Advantage.



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit [thermoking.com](https://thermoking.com) or [tranetechnologies.com](https://tranetechnologies.com).

