



Trojan[®]
BATTERY COMPANY



OverDrive™ AGM 31

Real Power. Real Rewards.



Trojan – The Leader in Deep Cycle Batteries

Backed by 85 years of technological excellence, Trojan Battery Company is the world's leading manufacturer of advanced deep cycle battery technology. With the on-going implementation of anti-idling regulations across the United States and the development of profit-making electric auxiliary power units (APUs), Trojan understands the need for a true cycling battery in the heavy duty/commercial truck industry.

Introducing Trojan's **OverDrive™ AGM 31**, an Absorbed Glass Mat (AGM) battery designed specifically for cycling truck applications.

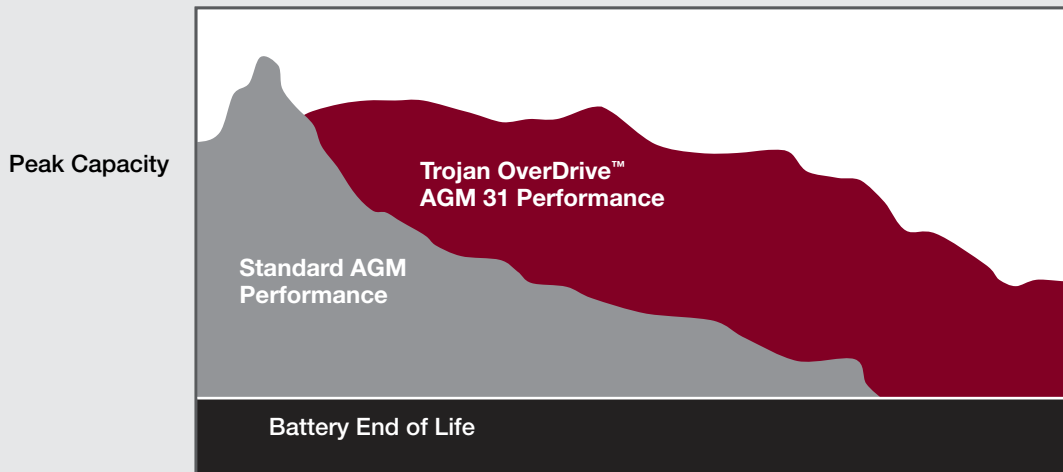


You Need Real Power.

Not all AGM batteries are designed for heavy duty cycling/deep discharge applications. Most standard AGM battery technology is either for starting or dual-purpose applications—with the main task of providing maximum cranking power or only light to medium cycling performance.

Trojan's **OverDrive™ AGM 31 is a true cycling battery** built on proprietary and proven deep cycle technology. Our robust AGM plate design delivers **real power** that performs steadily hour after hour, day after day, outperforming both conventional lead acid batteries and standard AGM batteries (see *Chart A*).

Chart A: Peak Capacity & Cycle Life:
Trojan OverDrive™ AGM 31 vs. Standard Competitor AGM products



Cycling Power Over The Life of an AGM Battery



You Want Real Rewards.

There are **real rewards** with not allowing your truck to idle—including **fuel cost savings, noise reduction and lower emissions**. Powering an electric APU system, Trojan's OverDrive™ AGM 31 delivers all these rewards, plus the benefits of:

- **Maintenance free convenience** with no watering required plus increased safety with no acid spills
- **Excellent recharge efficiency** while you drive
- **Superior vibration resistance** over standard conventional lead acid batteries
- **Increased battery protection** in heavy truck applications with our durable polypropylene case
- **Easy lifting and installation** into truck compartments with removable carrying handles
- **Overall safety** with our flame arrestor pressure vent

You can now have clean, steady reserve power for heating, air and critical on-board instruments when your engine's turned off with Trojan's OverDrive™ AGM 31 battery.

OverDrive™ AGM 31 Specifications			
Voltage	12 Volt		
Capacity Rating	102 AH @20 Hours 180 Minutes @25 Amps		
Cranking Amps	600 C.C.A. @0°F 720 C.A @32°F		
Power Delivery	110 Watts – average for 10 hours		
Terminal	Steel Stud		
Weight	69 lbs. (31 kg)		
Dimensions	Length	Width	Height
Inches (mm)	13 3/7 (341)	6 4/5 (173)	9 2/9 (234)
Warranty	30 Months		

**See Cycling AGM Product Sheet and OverDrive™ warranty statement for full details at www.trojanbattery.com/OverDrive*



Electric Power Makes Financial Sense

With record high gas prices and nationwide restrictions on diesel engine idling, electric auxiliary power systems make financial sense. But saving money isn't enough. What do fleets and individual truck owners really want? They both want to make a **profit**.

How quickly can you make a profit?

To determine how quickly you can start to earn a profit on your initial investment (an electric APU system installed with Trojan's OverDrive™ AGM 31 batteries), you will need to know:

1. Your estimated annual diesel fuel cost per gallon
2. The number of hours your average truck idles per day
3. The number of days per week your average truck is in operation
4. The number of weeks your average truck operates per year
5. Cost of the selected electric APU system

Chart B: Real Rewards Calculator with sample numbers

Input Information	Description
\$2.75	Diesel Fuel Cost per Gallon
1.0	Gallons per Hour used Idling
10	Hours Idling per Day
5	Days Operating per Week
40	Weeks Operating per Year
2,000	Total Hours Spent Idling per Year
\$5,500	Annual Cost of Idling Truck
\$6,000	Average Cost of an electric APU System
14	Payback Time in Months
\$5,500	Potential Profits After Initial Investment Pay Back/Per Year*

With an average pay back period of 12 – 18 months on an electric auxiliary power unit, making a profit just got easier. Let Trojan's OverDrive™ AGM 31 provide you **Real Power and Real Rewards**.

Try your own numbers into Trojan's Real Rewards Calculator to find out your return on initial investment and potential profits at www.trojanbattery.com/RealRewards.

Trojan offers outstanding technical support provided by full-time application engineers.

Trojan's OverDrive™ AGM 31 is available worldwide through our Master Distributor Network.

Call 800-423-6569 or +1-562-236-3000 for more information or visit us at www.trojanbattery.com



* Real Rewards Calculator does not take into account: 1) Preventative Maintenance Costs; 2) Overhaul Costs 3) Battery Replacement 4) Operating Costs for Idling Technology