

Group 31 Batteries For: **FIRE TRUCKS & EMERGENCY VEHICLES**



Emergency Power You Can Trust

Terra Supreme Group 31 batteries have become a popular choice in fire trucks, ambulances, rescue trucks, command vehicles, and hybrid or electric emergency vehicles because they provide a combination of **high starting power, large reserve capacity, and reliable deep-cycle performance** making them well-suited for demanding emergency service applications.



- ✓ 5000 cycles @ 50% DoD
- ✓ -40°C to 60°C operating range
- ✓ 5-Year New-for-Old warranty
- ✓ Built-in Bluetooth® Terra eBM™

Performance Specifications

Reserve Capacity:	240 minutes
Amp Hours:	105Ah
kWh Capacity:	105Ah x 12V = 1260Wh = 1.26kWh

Product specifications are subject to change without notice.

Cranking Power

CCA:	1200
MCA:	1800
PHCA:	3000

Reliable Backup Power

Emergency vehicles often operate with the engine off while powering:

- Emergency warning lights
- Radios and communication systems
- Mobile data terminals
- Scene lighting
- Cameras and recording equipment
- Medical equipment
- Hydraulic tools and lift systems

The high reserve capacity of Terra Supreme Group 31 batteries allows these critical systems to continue operating even when charging systems are not actively supplying power.

Why Fire & Police Choose Group 31

The primary advantages include:

- High reserve capacity
- Low-voltage 12V and 24V vehicle systems
- Backup power for emergency electronics
- Vehicle control modules
- Proven reliability in commercial fleets
- Standardized size for easy replacement
- Emergency lighting circuits
- Excellent cold-weather starting performance
- Long service life
- Maintenance-free AGM options
- Ability to support heavy electrical loads

These characteristics make our Group 31 batteries one of the most common battery formats found in fire trucks, ambulances, utility fleets, and other mission-critical emergency response vehicles.



A NEW Standard for G31 Batteries!

Terra Supreme Group 31 batteries deliver class-leading cranking power for engine starting and deep-cycle use, outperforming AGM and lithium in CCA, MCA, and PHCA. With 240 minutes of reserve capacity and up to 4,000 cycles at 60% depth of discharge, **they exceed lead-acid lifespan while matching lithium durability.** Designed as a true drop-in replacement, they require no charging system changes, support series or parallel setups, and feature a unique internal design with horizontal plates, no busbars, and built-in Bluetooth monitoring for real-time data.





10% Less Lead

Our bi-polar design uses 10% less lead than conventional batteries, reducing environmental impact and material costs.



98% Recyclable

All Terra batteries are fully recyclable through established lead-acid battery recycling networks.



Clean Manufacturing

Our Manufacturing 4.0 facility incorporates sustainable processes and minimal waste generation.

Environmental Regulations

- ✓ EPA compliance for manufacturing
- ✓ RCRA hazardous waste management
- ✓ Clean Air Act adherence
- ✓ State environmental permits

Battery Standards

- ✓ BCI (Battery Council International)
- ✓ UL safety certifications
- ✓ DOT shipping regulations
- ✓ International standards (IEC)



Ask For Terra Supreme Batteries!

Terra Supreme Battery serves commercial, industrial, and government customers with volume pricing and custom solutions. Our procurement process is designed for efficiency and transparency. Visit our website or call us directly at **1-260-636-6618** for sales or distribution information.

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| ✓ Volume Pricing | ✓ OEM Partnerships | ✓ Higher Power and Efficiency |
| ✓ Quantity discounts available | ✓ Private label options | ✓ Deeper Discharge |
| ✓ Fleet and bulk orders welcome | ✓ Custom specifications | ✓ Less Weight |
| ✓ Custom packaging options | ✓ Engineering support | ✓ More Usable Capacity |
| ✓ Scheduled delivery program | ✓ Quality agreements | ✓ Better Cost vs. Performance |