Group 31 Batteries For:
OVERLAND TRANSPORTATION

TERRA® SUPREME BATTERY

Heavy-Duty and Commercial Vehicles

The Terra Supreme Group 31 batteries are a standard, widely accepted battery size in commercial trucking due to their balance of size, power, and compatibility with truck electrical systems. They are a one-to-one drop-in for semi-trucks, delivery vehicles, and fleets.

Our bipolar Group 31 battery focuses on a premium segment of that established market because fleets already trust Group 31 as a baseline battery choice.

- ✓ 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

Cranking Power

CCA:	1350
MCA:	1800
PHCA:	3000

Product specifications are subject to change without notice.

Performance and Reliability Improvements

Our group 31 batteries have characteristics trucking operations value. Terra Supreme bi-polar battery architecture can deliver these robust for truck applications vs. traditional lead-acid cells:

- **High cold-cranking amps (CCA)** — reliable starting power for large diesel engines even in cold climates.
- **High reserve capacity** — they can power auxiliary systems while engines are off.
- **Vibration resistance & durability** — essential for trucks on the road.

These traits directly address uptime and reliability — two core purchasing criteria for fleets.

Compatibility with Electric and Hybrid Trucks

- While heavy electric trucks typically use large traction battery packs for propulsion, **Terra Supreme Group 31 batteries still remain important for auxiliary 12V/24V** power (lighting, control systems, HVAC, infotainment, telematics).
- Our Group 31 designs that offer better cycle life and charge acceptance are especially compelling for electric trucks' accessory power, where reliability matters as much as in diesel vehicles.
- **Safer and easier to manufacture**, the **lower upfront cost than lithium-ion** offers improved performance over conventional lead-acid

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.

100% 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.

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