

# Group 31 Batteries For: **MILITARY / AEROSPACE**



## Power for Mission-Critical Equipment

Terra Supreme Group 31 batteries are engineered for military and aerospace applications where dependable power in extreme conditions is critical. They support platforms such as military vehicles, aircraft ground support equipment, communications systems, avionics support, auxiliary power units, and emergency backup systems, with designs focused on high durability, vibration resistance, and performance in harsh environments.



- ✓ 4000 cycles @ 60% 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
Dimensions: *	13.27 (W) x 7.13 (D) x 10 (H)

### Cranking Power

CCA:	1200
MCA:	1800
PHCA:	3000

Product specifications are subject to change without notice.

# Reduced Downtime and Improved Reliability

Terra Supreme Group 31 batteries offer reliable power delivery that helps prevent no-start conditions and equipment shutdowns, reducing costly downtime and keeping projects on schedule. Designed for rugged use, Terra Supreme Group 31 batteries are built to withstand:

- **Constant vibration and shock**
- **Extreme temperatures**
- **Dust, moisture, and exposure to chemicals**

This makes them ideal for both entry-level and advanced commercial solar and wind power systems.

## Ruggedness for Extreme Operating Conditions

Military and aerospace environments demand exceptional durability. Battery reliability directly impacts operational readiness. Terra Supreme Group 31 batteries are engineered to withstand. Reliable Power for Sensitive Electronics:

- Communications and encryption systems
- Navigation and targeting electronics
- Sensors, avionics support, and mission systems



## 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 |