

Group 31 Batteries For: **SOLAR & WIND**



Commercial Wind & Solar Energy Storage

Terra Supreme's Group 31 batteries are used for renewable energy storage in solar and wind power systems. These batteries are a durable, modular, and cost-effective solution for both commercial and residential off-grid setups, including solar backup/ hybrid systems, remote installations, and rural applications. The design supports scalable battery banks (e.g., 12 V, 24 V, 48 V) and integrates with typical renewable power electronics like MPPT solar charge controllers, wind turbine regulators, and hybrid inverters.



- ✓ 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

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.

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 Capacity
- ✓ Better Cost vs. Performance