



AGM GROUP 31 DEMAND MORE FROM YOUR BATTERIES.

Operating a truck comes with enough worries. Batteries shouldn't be one of them. Heavy-duty trucks, construction equipment, RVs and buses are more power hungry than ever. More electronics, more accessories, more on-board amenities all demand more from the batteries. Absorbent Glass Mat (AGM) Group 31 batteries from OTR™ are engineered and manufactured to handle whatever life on or off the road dishes out.

- Unique cycling capability promotes longer electrical device utilization
- Accepts charge quicker so battery recharges faster after powering vehicle electronics
- Certified NON-SPILLABLE design provides the safest solution
- Proven performance under real world conditions

Trade up to a longer lasting, more powerful battery



TRUE STRENGTH COMES FROM INSIDE.

DUAL-SEALED VALVE

Creates a maintenance-free environment, ensuring water is regenerated even in high temperatures

PATENTED STAMPED GRID TECHNOLOGY

Patented grid manufacturing process produces a strong, efficient grid for high performance

PROPRIETARY NEGATIVE PASTE

Increases charge acceptance

HIGH DENSITY POSITIVE PASTE

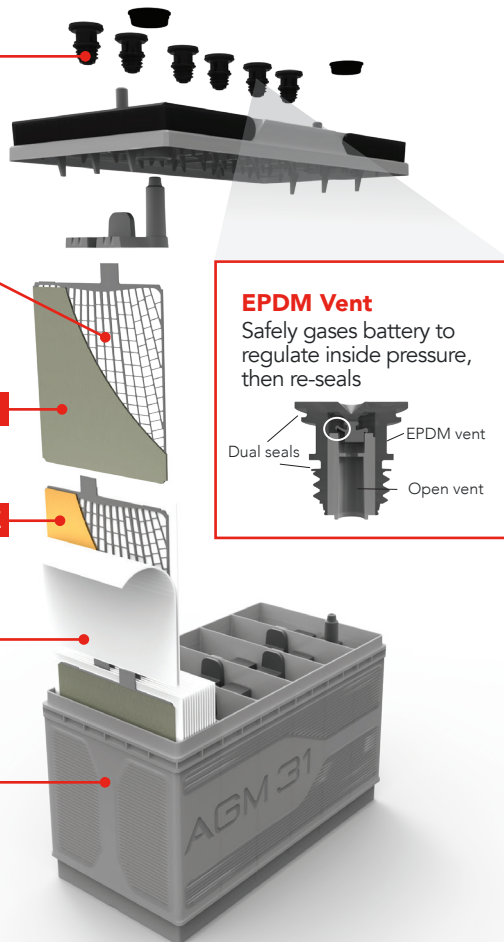
Improves cycling performance for high accessory applications

AGM SEPARATOR

Glass mat separators immobilize electrolyte for stable cycle performance

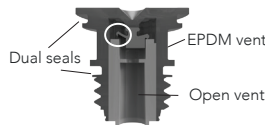
BATTERY CASE

Rugged reinforced polypropylene holds the plates under compression even in high-vibration applications



EPDM Vent

Safely gases battery to regulate inside pressure, then re-seals



AGM BENEFITS

- **Designed for Repetitive Cycling**
Able to recharge quickly after powering vehicle electronics
- **Extended Life**
Long-lasting performance even under demanding applications
- **NON-SPILLABLE**
Electrolyte held permanently in glass mat separator
- **Excellent Starting Power**
Engine will start even at low temperatures and low state of battery charge
- **Maintenance-Free**
No need to add water or electrolyte to maintain performance
- **Patented Stamped Grid Technology**
Both positive and negative grids minimize corrosion for longer battery life and provide optimized electrical conductivity

Product Specifications For AGM Batteries

Group Size	Part Number	Cold Cranking Amps	Reserve Capacity	Terminal Connection Options	Weight	Length	Width	Height
31	FPAGM31-825STUD	825	200	Threaded Stud	70 lbs (32 kg)	13" (330 mm)	6 13/16" (173 mm)	9 7/16" (240 mm)
	FPAGM31-825SAE			SAE Post				



ECL (EXTENDED CYCLE LIFE) GROUP 31 FOR THE MOST DEMANDING HEAVY-DUTY APPLICATIONS

The ECL battery provides increased cycling and longer life than a standard flooded battery. A *glass mat separator* is applied to each positive plate to improve overall cycling capacity and deliver quicker recharges. The *positive plate* is manufactured with more paste than in other batteries for better overall capacity. Combined with the glass mat separators, it improves cycling performance. Plus, the *negative plate* has a higher density paste formulation designed to enhance performance in deep cycle charging applications and increase battery life.

- Increased cycling capacity and quicker recharging
- Glass mat separator for extended battery life
- Maintenance-free design



TRUE STRENGTH COMES FROM INSIDE.

INTEGRATED FOLDING HANDLE

For easy carrying and installation

MANIFOLD VENT

Maintenance-free vent collects and discharges gas away from posts, reducing water loss and improving life and performance

TERMINALS

OE replacement terminals are available in stainless steel threaded or SAE posts

POLYPROPYLENE RIBBED CASE

Impact-resistant, reinforced end walls for the durability you need

HIGH DENSITY PASTE

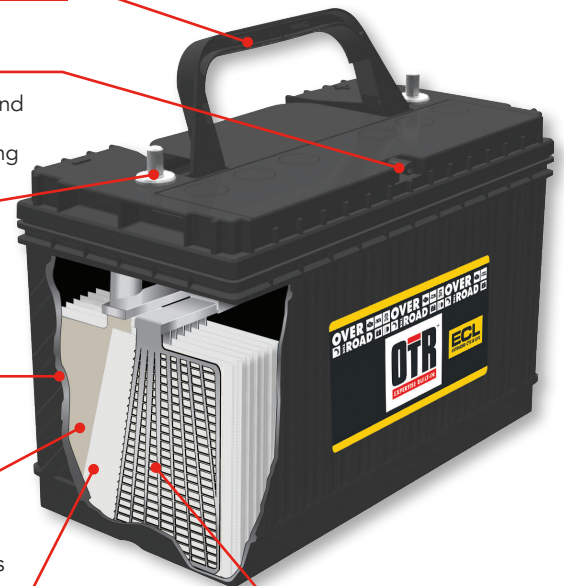
Improves cycling performance over traditional low density pastes

GLASS MAT SEPARATORS

Immobilize electrolyte for stable cycle performance and extended life

PATENTED STAMPED GRID TECHNOLOGY

Patented, fully-framed stamped grid technology optimizes electrical flow and resists corrosion for longer life



Product Specifications For Extended Cycle Life Batteries

Group Size	Part Number	Cold Cranking Amps	Reserve Capacity	Terminal Connection Options	Weight	Length	Width	Height
31	F31S-ECL	700	190	Threaded Stud	61 lbs (28 kg)	13" (330 mm)	6 13/16" (173 mm)	9 7/16" (240 mm)



FLOODED GROUP 31 BUILT FOR POWER FROM THE INSIDE OUT.



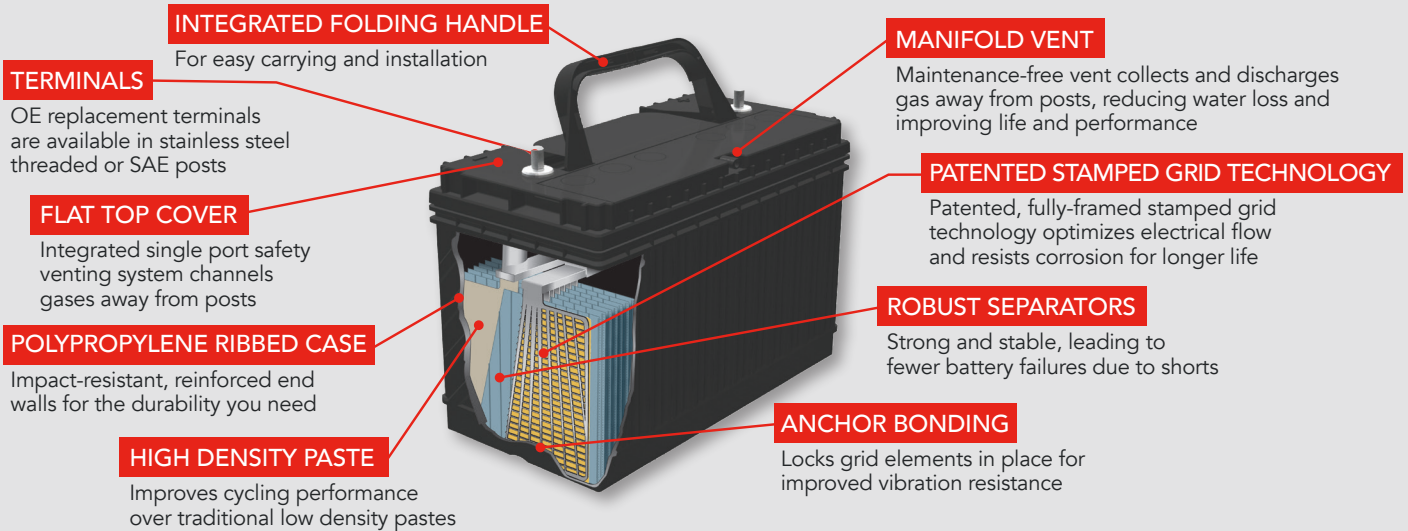
OTR™ Flooded Battery

- Specially designed lead alloy strap and anchor bonding provide increased stability for high-vibration applications
- Impact resistant polypropylene case with reinforced end wall design
- Maintenance-free technology



HD Value™ Line Battery

- Exceeds industry standards on starting power and quality
- Tough polypropylene container



Product Specifications For Flooded Batteries

Group Size	Part Number	Cold Cranking Amps	Reserve Capacity	Terminal Connection Options	Weight	Length	Width	Height	
31	F31S-800	750	180	Threaded Stud	57 lbs (24 kg)	13" (330 mm)	6 13/16" (173 mm)	9 7/16" (240 mm)	
	F31A-800			SAE Post					
	F31S-1000	950	195	Threaded Stud					60 lbs (27 kg)
	F31A-1000			SAE Post					
31 Value Line	HDV31-725STUD	725	175	Threaded Stud	56 lbs (25 kg)				
	HDV31-725SAE			SAE Post					
	HDV31-925STUD	925	190	Threaded Stud	59 lbs (26 kg)				
	HDV31-925SAE			SAE Post					



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