

# OPTIMA™ BATTERIES

THE ULTIMATE POWER SOURCE™



**SPIRALCELL TECHNOLOGY®**  
**HIGH PERFORMANCE AGM STARTING, MARINE, & DEEP CYCLE**

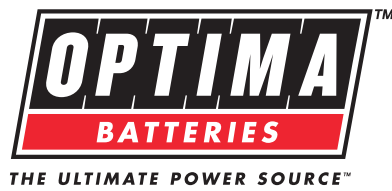
New Zealand Distributor



Quality  
Excellence  
Integrity  
People







# THE ULTIMATE POWER SOURCE™



**OPTIMA, the Ultimate Power Source** is now exclusively distributed by HCB Technologies Limited. OPTIMA Batteries is a brand of Johnson Controls Power Solutions (JCI), the world's largest producer of batteries for conventional, Start-Stop, hybrid and electric vehicles. OPTIMA is a brand of premium, high performance AGM batteries for Starting, Marine and

Deep Cycle applications. The unique SPIRALCELL TECHNOLOGY® gives OPTIMA Batteries over 15 times more vibration resistance and increased cycle life compared to traditional batteries. OPTIMA Batteries are virtually spill proof and maintenance-free for absolute peace of mind.

## REDTOP®

REDTOP® high-performance AGM batteries are the ultimate starting batteries designed to deliver a powerful burst of ignition power for a reliable start-up every time, whether it's used as truck batteries, automotive batteries, or for other applications. The REDTOP® will outperform and outlast traditional batteries in demanding cranking/starting applications. With impressive

high-power delivery and extreme resistance to the most common causes of battery failure, the REDTOP® is ideal for trucks, SUVs, hot rods, street cars and other applications that require a spill proof starting batteries. OPTIMA REDTOP's reputation as automotive or commercial batteries is unsurpassed.

**Benefits:**

- Optimal starting power
- Up to two times longer life
- More than 15 times the vibration resistance
- Spill proof, mountable in virtually any position
- Completely Maintenance-free
- Low internal resistance and faster recharging

**RACE PROVEN  
FOR EVERY ROAD.  
EVERY DAY.**



**SPIRALCELL TECHNOLOGY®  
HIGH PERFORMANCE AGM STARTING,  
MARINE AND DEEP CYCLE BATTERIES**





# BLUETOP®



OPTIMA BLUETOP® high-performance AGM batteries deliver exceptional running times and more recharges compared to traditional batteries. These are perfect marine batteries for boats with trolling motors, extensive electronic systems, and works well as RV Batteries to provide power for creature comforts that tends to drain batteries quickly. On top of

providing outstanding vibration resistance, the BLUETOP's efficient power delivery and faster recharge time mean you'll spend less time worrying about your battery. The OPTIMA BLUETOP® is ideal for those who need a sure-starting, strong-cranking, maintenance-free power source.

**Benefits:**

- Both dual-purpose and starting applications available
- Up to three times more recharges than other marine batteries
- More than 15 times the vibration resistance
- Spill proof, mountable in virtually any position
- Completely Maintenance-free
- Perfect as a boat battery or RV battery



**THE POWER SOURCE TO GET YOU OUT THERE AND BACK.**

# YELLOWTOP®



YELLOWTOP® high performance AGM batteries supply maximum deep cycle power as well as class leading cranking ability, performing above expectations in almost any application. With premium cranking power and impressive cycling capability, these heavy duty batteries are perfect for modern accessory-loaded vehicles, and any other applications that require deep cycle batteries. YELLOWTOP® batteries can repeatedly be

brought back from deep discharges easily, providing you with plenty of power for electronics and still start you up time after time.

Four-wheel-drives with winches, vehicles with high-demand electronics and audio systems, commercial vehicles and heavy equipment can all rely on YELLOWTOP® batteries to provide ultimate deep cycle and starting power.

**Benefits:**

- Deep-cycle and cranking power
- Up to 3 times longer life
- More than 15 times the vibration resistance
- Spill proof, mountable in virtually any position
- Completely maintenance-free
- Low internal resistance and faster recharging



**TOUGHER THAN ANY ROAD YOU'RE ON OR OFF.**



**SPIRALCELL TECHNOLOGY®  
HIGH PERFORMANCE AGM STARTING,  
MARINE AND DEEP CYCLE BATTERIES**





**RED TOP®** HIGH PERFORMANCE AGM STARTING

Code	Voltage	Assy	Hold Down	Term	Length	Width	Box Height	Total Height	CCA	Res Cap	A/Hrs	Weight kg
6V	6	C	NHD	STD	255	90	185	205	800	100	N/A	8.4
25	12	R	B1	STD	240	175	175	195	720	100	N/A	14.4
34	12	R	NHD	STD	255	175	180	200	800	100	N/A	17.2
34/78	12	R	NHD	STD/SIDE	255	175	180	200	800	110	N/A	17.2

**BLUE TOP®** HIGH PERFORMANCE AGM MARINE AND DUAL PURPOSE

Code	Voltage	Assy	Hold Down	Term	Length	Width	Box Height	Total Height	CCA	Res Cap	A/Hrs	Weight kg
34M	12	R	NHD	D/T	255	175	180	200	800	100	N/A	17.4
D34M	12	R	NHD	D/T	255	175	180	200	750	120	55	19.7
D31M	12	C	NHD	D/T	325	175	205	230	900	155	75	27.12

**YELLOW TOP®** HIGH PERFORMANCE AGM DEEP CYCLE

Code	Voltage	Assy	Hold Down	Term	Length	Width	Box Height	Total Height	CCA	Res Cap	A/Hrs	Weight kg
D34	12	C	NHD	STD	255	175	180	200	750	120	55	19.5
D31A	12	C	NHD	STD	325	175	205	230	900	155	75	27.12

**Optima Technical Information**

Battery measurements (L x W x H) are taken at the extremities of the battery including hold downs and handles. Box height is to the upper mounting surface and total box height includes posts, caps or highest extremity.

**Bottom hold down (BHD)**

NHD No hold downs on all sides  
B1 2 bottom hold down 10.5mm high on long sides

**Abbreviations**

A/Hrs Ampere Hours (20 Hr Rate unless otherwise stated)  
CCA Cold Cranking Amps  
Res Cap Reserve Capacity

**Battery Assemblies**

Check for correct polarity when fitting a battery.



**Spiralcell Technology®**  
for superior vibration resistance and extended life

**Solid Cast Cell Connections**  
for increased durability and maximum plate height

**Tightly Compressed Cells**  
for added vibration resistance

**99.99% Pure Lead**  
Spiralcell design allows for lead to be used in it's purest form

**Absorbent Glass-Matt Separators**  
holds electrolyte like a sponge to eliminate acid spilling



**STD**  
Standard Post



**D/T**  
Dual Terminal



**Side/STD**  
Side Terminal & Standard Post

