# FEATURES & BENEFITS

## VIBRATION RESISTANCE
Damage from vibration is one of the leading causes of battery failure. OPTIMA's patented Spiralcell Technology® immobilises the internal components, providing up to 15 times greater vibration resistance than traditional batteries.

## RESERVE CAPACITY
Designed to withstand significantly more discharge and recharge cycles, OPTIMA batteries continue to deliver a high percentage of the original fully charged capacity.

## GREATER STARTING POWER
The first 10 seconds of a vehicle's starting cycle are critical. OPTIMA batteries deliver a comparatively higher level of power during this cycle, than traditional batteries.

## ZERO SPILLS
While traditional batteries will leak acid at just 45º rotation, OPTIMA batteries can be rotated up to 180º with no spillage.

## MAINTENANCE FREE
There is no need to perform routine maintenance; OPTIMA batteries are completely sealed and non-hazardous.

## SUPERIOR HEAT RESISTANCE
Heat damage is a leading cause of battery failure, particularly in performance vehicles. OPTIMA batteries can outlast traditional batteries by up to twice as long, even when exposed to high temperature conditions.

## LONG SHELF-LIFE
The extended periods of non-use for seasonal vehicles, such as harvesters and boats, causes loss of charge and premature battery failure. OPTIMA batteries however have a low discharge rate and thus retain significantly greater power – enough to start even larger vehicles such as tractors.*

*The battery should be fully charged before being disconnected for extended periods of non-use.

# SPIRALCELL TECHNOLOGY®

1. **99.99% PURE LEAD**
   Spiralcell design allows for lead to be used in its purest form.
2. **SOLID CAST CELL CONNECTIONS**
   For increased durability and maximum plate height.
3. **ABSORBENT GLASS-MAT SEPARATORS**
   Holds electrolyte like a sponge to eliminate acid spilling.
4. **TIGHTLY COMPRESSED CELLS**
   For added vibration resistance.

## CENTURY YUASA: YOUR FIRST CHOICE SUPPLIER OF OPTIMA BATTERIES

- Locally held & readily available products
- Extensive range of supporting POS material
- Full product training
- Superior service & support from local battery experts
- No minimum order requirement or conditions
- Simply add OPTIMA® products to your regular stock order

CenturyYuasa

For more information on Optima Batteries and the range of products available, contact your CenturyYuasa battery specialist on **1300 362 287**

**www.centurybatteries.com.au**

OPTIMA BATTERIES™ THE ULTIMATE POWER SOURCE™

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CenturyYuasa

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# FOR HANDLING THE EXTREMES

- **Resistant to wear from corrugation and the extremities**
- **Reliable and consistently high performing**
- **Minimise unexpected downtime**

OPTIMA® YellowTop® deep cycle and starting batteries are made for the extremes.

If your vehicle is designed for the assault of off-roading or is running a series of power-hungry accessories, you need more from your battery.

OPTIMA YellowTop batteries feature patented Spiralcell Technology®. Spiralcell Technology is characterised by deep cycling capability coupled with high vibration resistance. This meets an off-road performance vehicles high-power needs in a single spill-proof package.

**DEEP CYCLE BATTERIES - YELLOWTOP**

Warranty: 24 months from date of purchase for private use, or 12 months for commercial applications.

| Item ID | Description | V | Cold Cranking Amps @ 0°F | Cranking Amps @ 32°F | Reserve Capacity | Capacity (C/20 Rate) | Dimensions | | | Weight (kg) | Post Type | Polarity | BCI Group | Special Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Length (mm) | Width (mm) | Height (mm) | | | | | |
| 149355 | D27F | 12V | 0 | 830 | 140 | 66 | 308 | 172 | 220 | 24.10 | SAE Post | C | 27 | GM, MF, VR, SC, CH |
| 149354 | D75/25 | 12V | 650 | 810 | 98 | 48 | 238 | 173 | 199 | 16.00 | Dual SAE/ GM | D | 75/25 | GM, MF, VR, SC, CH |
| 149353 | D35 | 12V | 650 | 810 | 98 | 48 | 238 | 173 | 199 | 16.60 | SAE Post | C | 35 | GM, MF, VR, SC, CH |
| 149352 | D34/78 | 12V | 750 | 870 | 120 | 55 | 254 | 173 | 199 | 19.90 | Dual SAE/ GM | D | 34/78 | GM, MF, VR, SC, CH |
| 149351 | D34 | 12V | 750 | 870 | 120 | 55 | 254 | 171 | 199 | 19.60 | SAE Post | D | 34 | GM, MF, VR, SC, CH |
| 149350 | D31A | 12V | 900 | 1125 | 155 | 75 | 329 | 171 | 238 | 27.30 | SAE Post | D | 31A | GM, MF, VR, SC, CH |

Key: GM=Glass mat MF=Maintenance free VR=Value Regulated SC=Spiral Cell CH=Carry handle

# FOR LIFE ON THE WATER

- **Withstands wave pounding**
- **Resistant to terminal corrosion**
- **Longer storage life for seasonal marine use**

OPTIMA® BlueTop® batteries give you peace of mind to sit back and enjoy when you're out on the water.

Your marine battery is under constant demand to provide both cycling and cranking ability. The demand is heightened if your boat runs a lot of accessories such as lights, fish finder, trolling motor, radar, stereo, bilge pumps or chart plotter.

BlueTop batteries feature OPTIMA's patented Spiralcell Technology® for superior vibration and heat resistance, in a sealed spill-proof package. This means greater running time, faster recharge, longer shelf-life and up to twice the life of traditional marine and RV batteries.

**MARINE BATTERIES - BLUETOP**

Warranty: 24 months from date of purchase for private use, or 12 months for commercial applications.

| Item ID | Description | V | Cold Cranking Amps @ 0°F | Cranking Amps @ 32°F | Reserve Capacity | Capacity (C/20 Rate) | Dimensions | | | Weight (kg) | Post Type | Polarity | BCI Group | Special Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Length (mm) | Width (mm) | Height (mm) | | | | | |
| 139351 | D27M | 12V | 800 | 1000 | 140 | 66 | 305 | 172 | 225 | 24.4 | Dual SAE & 5/16" Stainless Stud | D | 27 | GM, MF, VR, SC, CH |
| 139350 | 34M | 12V | 800 | 1000 | 100 | 50 | 254 | 171 | 199 | 17.5 | Dual SAE & 5/16" Stainless Stud | D | 34 | GM, MF, VR, SC, CH |
| 139353 | D34M | 12V | 750 | 870 | 120 | 55 | 254 | 171 | 199 | 19.6 | Dual SAE & 5/16" Stainless Stud | D | 34 | GM, MF, VR, SC, CH |
| 139352 | D31M | 12V | 900 | 1125 | 155 | 75 | 329 | 171 | 238 | 27.3 | Dual SAE & 5/16" Stainless Stud | D | 31 | GM, MF, VR, SC, CH |

Key: GM=Glass mat MF=Maintenance free VR=Value Regulated SC=Spiral Cell CH=Carry handle

# FOR PERFORMANCE POWER

- **Withstands engine heat**
- **Performance power delivery**
- **Rapid recovery from short drive cycles**

OPTIMA® RedTop® batteries are built to withstand the on and off-road abuse which can occur in trucks, performance cars, SUV's and 4x4's.

Performance vehicles generate high temperatures under the bonnet and expose a battery to significant vibration.

RedTop batteries feature OPTIMA's patented Spiralcell Technology®. This technology immobilises the internal components of the battery to enable incredible vibration and heat resistance. Even when installed on its side, the battery remains sealed in a neat, spill-proof package.

**STARTING BATTERIES - REDTOP**

Warranty: 36 months from date of purchase for private use, or 12 months for commercial applications.

| Item ID | Description | V | Cold Cranking Amps @ 0°F | Cranking Amps @ 32°F | Reserve Capacity | Capacity (C/20 Rate) | Dimensions | | | Weight (kg) | Post Type | Polarity | BCI Group | Special Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Length (mm) | Width (mm) | Height (mm) | | | | | |
| 119350 | 34 | 12V | 800 | 1000 | 100 | 50 | 254 | 171 | 199 | 17.30 | SAE Post | D | 34 | GM, MF, VR, SC, CH |
| 119351 | 34R | 12V | 800 | 1000 | 100 | 50 | 254 | 171 | 199 | 17.30 | SAE Post | C | 34R | GM, MF, VR, SC, CH |

Key: GM=Glass mat MF=Maintenance free VR=Value Regulated SC=Spiral Cell CH=Carry handle