

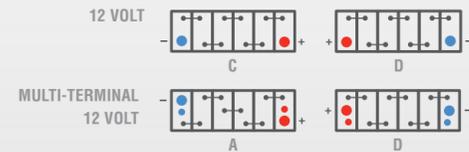
ITEM ID	BATTERY TYPE	WARRANTY*	VOLTS	CCA -18°C	RC @ 25°C	MCA -18°C	AH @ 20HR	(all measurements in mm)			WEIGHT	POLARITY	TERM TYPE	HOLD DOWN	SPECIAL FEATURES
								L	W	H					
REDTOP®															
119350	34	36	12	800	100	-	50	254	171	199	17.2	D	STD	-	CH, GM, MF, SC, VR
119351	34R	36	12	800	100	-	50	254	171	199	17.2	C	STD	-	CH, GM, MF, SC, VR
BLUETOP®															
139350	34M	36	12	800	100	1000	50	254	171	199	17.5	D	STD/WN	-	CH, GM, MF, SC, VR
139351	D27M	36	12	800	140	1000	66	305	172	225	24.4	D	STD/WN	-	CH, GM, MF, SC, VR
139352	D31M	36	12	900	155	1125	75	329	171	238	27.1	A	STD/WN	-	CH, GM, MF, SC, VR
139353	D34M	36	12	750	120	870	55	254	171	199	19.7	D	STD/WN	-	CH, GM, MF, SC, VR
YELLOWTOP®															
149355	D27F	36	12	830	140	-	66	308	172	220	24.1	C	STD	-	CH, GM, MF, SC, VR
149350	D31A	36	12	900	155	-	75	329	171	238	27	D	STD	-	CH, GM, MF, SC, VR
149351	D34	36	12	750	120	-	55	254	171	199	19.5	D	STD	-	CH, GM, MF, SC, VR
149352	D34-78	36	12	750	120	-	55	254	173	199	19.7	D	STD/FRONT	-	CH, GM, MF, SC, VR
149353	D35	36	12	650	98	-	48	238	173	199	17	C	STD	SIDE	CH, GM, MF, SC, SL, VR
149354	D75-25	36	12	650	98	-	48	238	173	199	16	D	STD/FRONT	SIDE	CH, GM, MF, SC, SL, VR

Special Features Key: CH - Carry Handles, GM - Glass Mat, MF - Maintenance Free, SC - Spiral Cell, SL - Side Ledge, VR - Value Regulated

TERMINAL TYPES



CELL LAYOUT



APPLICATION	REDTOP®	BLUETOP®	YELLOWTOP®
Personal Starting (Non Commercial)	36 Months	36 Months	36 Months
Commercial Use	12 Months	12 Months	12 Months
Taxi Use	6 Months	6 Months	6 Months
Series String Applications with battery management system	Not Covered	12 Months	12 Months
Series String Applications without battery management system	Not Covered	1 Month	1 Month
Deep Cycle	N/A	12 Months	12 Months

34M is a starting battery only and not covered for any cycling applications

*Warranty Information: If our testing determines this battery is defective we will replace it however the costs of delivering it to warranty location and collecting it and any replacement are yours. Claim must be made within warranty period stated on this battery. Defect proof of purchase is required. Warranty period for replacement starts on date of purchase of defective battery it replaces. Call 1300 361 161 to make a claim. Warranty does not cover defects due to normal wear, abuse, damage, neglect, over or under charging or incorrect application, installation or maintenance. The benefits of this warranty are in addition to other rights and remedies available at law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Century Yuasa Batteries Pty Ltd | 37-65 Cobalt Street, Carole Park 4300 | Ph:1300 361 161 | www.centurybatteries.com.au | ABN 66 009 685 232



CHARGING INFORMATION

12V BATTERIES

ALTERNATOR 13.3 to 15.0 volts

BATTERY CHARGER (Constant Voltage)

13.8 to 15.0 volts, 10 amps, 12-15 hours approximate

FLOAT CHARGE 13.2 to 13.8 volts. 1 amp maximum current

RAPID RECHARGE (Constant Voltage Charger)

Maximum voltage 15.6 volts. No current limit as long as temperature remains below 50°C. Charge until current drops below 1amp.



RECHARGE TIMES

Recharge times will vary according to temperature and charger characteristics. When using Constant Voltage chargers, current will taper down as the battery becomes recharged. When current drops below 1 amp, the battery will be close to a full stage of charge. Refer to individual battery specifications for exact charging parameters.

CHARGERS & MAINTAINERS



Century's range of 6 volt & 12 volt battery chargers can charge batteries rated up to 240Ah⁸ and maintain batteries rated up to 360Ah. Incorporating patented rejuvenation technology, the chargers have the ability to recover heavily discharged batteries, and will activate from as low as 3 volts⁸.

ITEM ID	PRODUCT TYPE	BATTERY TYPE	MIN. START VOLTAGE	CHARGING RANGE
CENTURY BATTERY CHARGERS & MAINTAINERS				
190012	CC61212	SMF (Calcium) AGM, Flooded & Gel, conventional lead-acid batteries	3 volts	Charges batteries rated up to 24Ah* Maintains batteries rated up to 100Ah
190011	CC1206	SMF (Calcium) AGM, Flooded & Gel, conventional lead-acid batteries	3 volts	Charges batteries rated up to 120Ah* Maintains batteries rated up to 180Ah
190010	CC1212	SMF (Calcium) AGM, Flooded & Gel, conventional lead-acid batteries	3 volts	Charges batteries rated up to 240Ah* Maintains batteries rated up to 360Ah

*Conditions apply. Refer to the warranty section of the owner's manual. ⁸Based on 5 to 30% of battery Ah ratings. For optimum charging, 10% of battery Ah rating is recommended for flooded batteries and 20% of battery Ah rating is recommended for AGM & Gel batteries. ⁸8 volt activation on the CC6121.2, when 12 volt setting is selected.

For more information on OPTIMA® batteries contact:

CenturyYuasa

CenturyYuasa



THE ULTIMATE POWER SOURCE



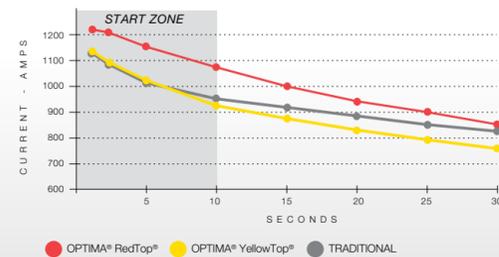
SPIRALCELL TECHNOLOGY®



- 1 Corrosion resistant terminals
- 2 Solid moulded cell connections for increased durability
- 3 Self sealing safety valves
- 4 Rugged SPIRALCELL construction provides maximum vibration resistance and extends product life
- 5 Impact resistant polypropylene case
- 6 High purity lead grids for long life
- 7 Absorbed glass mat separator holds electrolyte like a sponge to eliminate acid spilling

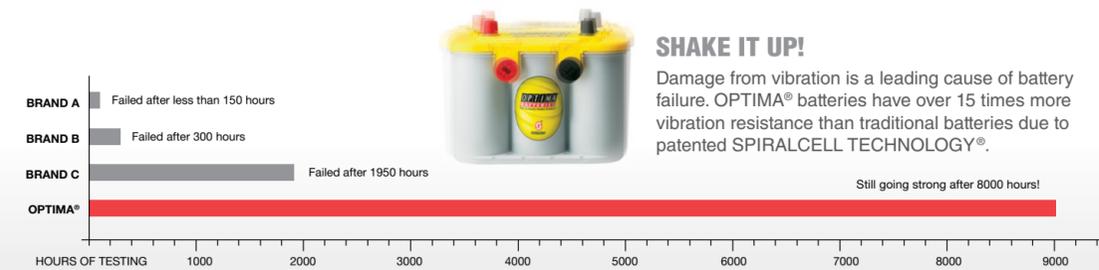
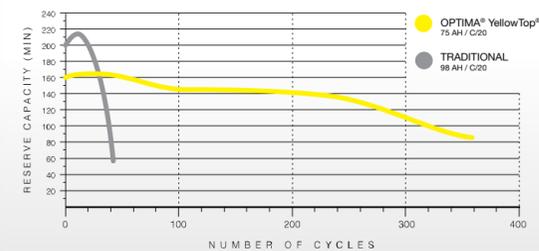
MORE STARTING POWER

OPTIMA® batteries deliver a higher level of power to the starter in the critical first 10 seconds of the vehicle starting cycle.



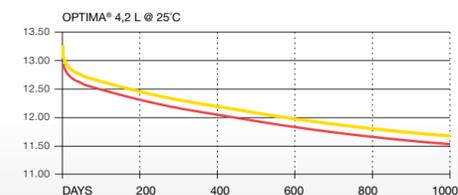
REPETITIVE RESERVE CAPACITY

OPTIMA® batteries have the ability to withstand significantly more discharge/recharge cycles and still accept a high percentage of the original full capacity.



SHAKE IT UP!

Damage from vibration is a leading cause of battery failure. OPTIMA® batteries have over 15 times more vibration resistance than traditional batteries due to patented SPIRALCELL TECHNOLOGY®.



LONG SHELF LIFE

OPTIMA® batteries are ideal for vehicles that are used seasonally because of their low self-discharge rate. All batteries that sit unused for extended periods of time will begin to lose charge. OPTIMA® batteries retain a significantly greater amount of power, enough to start large vehicles like tractors, harvesters and recreational vehicles even after a long period of no use.

EVEN MORE REASONS TO CHOOSE CENTURY YUASA

The OPTIMA® range of spiral cell Deep Cycle, Marine and Starting batteries are available from Century Yuasa Batteries, Australia's oldest and most recognised battery supplier.

The Century Yuasa Difference...

With one of Australia's most extensive distribution networks and an industry leading sales support and customer service network there are more reasons to choose Century Yuasa as your first choice supplier of OPTIMA® batteries:



- ✓ Extensive product range
- ✓ Locally held & readily available product
- ✓ Superior service & after sales support from local battery experts
- ✓ No minimum order requirement or conditions
- ✓ Comprehensive nationwide warranty
- ✓ Full product training

REDTOP® BATTERIES

The REDTOP® high-performance AGM battery is the ultimate starting battery and is designed to deliver a strong burst of ignition power for a reliable start-up every time. It has high-power delivery and extreme resistance to the most common causes of battery failure.

- Strongest starting burst.
- Up to 3x longer life.
- 15 times more vibration-resistant.
- Spill Proof Design.



YELLOWTOP® BATTERIES

The YELLOWTOP® high-performance AGM battery is one of the few true dual-purpose batteries available. With premium cranking power and impressive cycling capability, this heavy-duty battery is also perfect for modern accessory-loaded vehicles. Low internal resistance also provides more consistent power output and faster recharge.

- Spiralcell plate design offering the perfect mix of high cranking power and impressive cycling capability, this heavy-duty battery is also perfect for modern accessory-loaded vehicles. Low internal resistance also provides more consistent power output and faster recharge.
- Resistant to wear from road corrugation and environment extremes.
- Up to 15 times more vibration resistant than traditional batteries making it the perfect starting and deep cycle battery for commercial vehicles, heavy equipment, RVs and 4WDs.



BLUETOP® BATTERIES

The BLUETOP® is a high-performance AGM battery with exceptional running time and more recharges than you'd get out of a traditional battery. On top of providing outstanding vibration resistance, the BLUETOP®'s efficient power delivery and faster recharge time means you'll spend less time worrying about your battery. Optima's BLUETOP® is ideal for those who need a sure-starting, strong-cranking, maintenance-free power source.

- Withstands wave pounding.
- Resistant to terminal corrosion.
- Longer storage life for seasonal marine use.
- Zero Spills: Suitable for multi-angle fitment with no spilling.*



*Inverted mounting not recommended.

