

4x4 & SUV BATTERIES



centurybatteries.com.au

Century
Batteries that last and last



4x4 & SUV

Whether venturing into the outback, enjoying the hinterland or sampling the top end, it is important to have the right equipment – and that includes the battery.

Excessive under bonnet temperatures, continuous vibration, repeated impact from rough uneven roads and the demands of power hungry accessories, place extreme demands on a battery's internal components. Century's 4x4 & SUV batteries are designed and built tough using robust internal components and advanced manufacturing processes to withstand the challenges of Australia's extreme conditions.



Australia's oldest battery manufacturer

Since 1928, Century Batteries has been designing and manufacturing our iconic blue and yellow batteries right here in Australia. Over the years, we have developed the manufacturing expertise and technical know-how to develop a range of batteries perfectly suited to our unique country.

We build them from the ground up to be better suited to Australia's extreme climate and harsh conditions. Because we know the road ahead isn't always going to be easy.

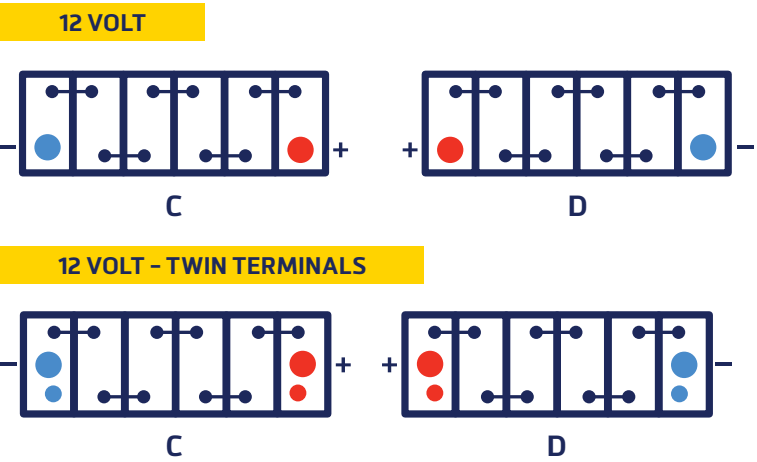


Choosing the right battery

4X4 & SUV			
			
Battery Type	Overlander 4x4 N70ZZXHDMF	Ultra Hi Performance N70ZZX MF	Hi Performance N70ZZ MF
Fitment	Heavy duty off-road 4x4s and SUVs	On-road and soft off-road 4x4 & SUVs	On-road 4x4 & SUVs
Application	Dual Purpose - Starting and semi cycling for 4WD accessories*	Starting only	Starting only
Performance	760 CCA AH 100	810 CCA	720 CCA
Vibration Resistance	✓✓✓✓	✓✓✓✓	✓✓✓✓
SPECIFICATIONS			
Special Features	✓ Platelock™ technology ✓ PE separator ✓ Full frame cast plates ✓ Twin terminals	✓ Platelock™ technology ✓ PE separator ✓ Expanded plates ✓ Standard terminals	✓ Platelock™ technology ✓ PE separator ✓ Expanded plates ✓ Standard terminals
Warranty	36 Months †	30 Months †	20 Months †
Country of Manufacture	Australian Made	Australian Made	Australian Made

*Low current draw accessories. †Terms and conditions apply. Refer to individual warranty statement located on battery.

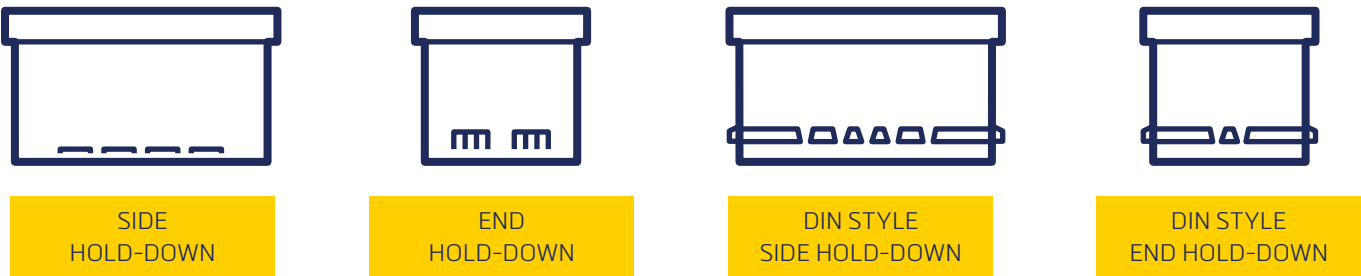
Cell Assembly Layout



Terminal Types



Battery Hold-Down



Special Features Glossary

AGM	Absorbed Glass Mat	EFB	Enhanced Flooded Battery	MR	Mud Rack
CH	Carry Handles	FA	Flame Arrestor	PL	Platelock™ Technology
CI	State of Charge Indicator	MIA	Made in Australia	RP	Recessed Post
CV	Central Venting	MF	Maintenance Free	VR	Vibration Resistant

Australian Standard Specifications as per AS 60095.

4x4 & SUV

Overlander 4x4

Century Overlander 4x4 batteries are designed to handle it all – from touring 4x4’s which stay on sealed roads, all the way through to purpose-built weekend off-road warriors. Designed and built in Australia* to withstand the punishment of our extreme climate and harsh off-road conditions, Century’s Overlander 4x4 is a dual-purpose battery – providing superior starting power and semi-cycling capabilities to power accessories.

- ✓ Superior starting power for heavy duty off-road 4x4’s & SUV’s
- ✓ Dual Purpose – starting and semi-cycling capabilities for 4WD accessories
- ✓ Thicker full frame cast plates for extra strength, endurance and durability in 4x4 conditions*
- ✓ Platelock™ technology for enhanced vibration and impact resistance



DUAL PURPOSE STARTING & SEMI-CYCLING

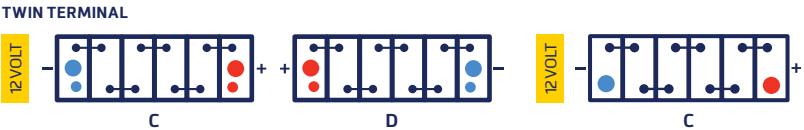
SUPERIOR STARTING POWER

MAXIMUM SERVICE LIFE

SUPERIOR STRENGTH & ENDURANCE

EXTREME VIBRATION RESISTANCE

ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	CCA @ -18°C	RC @ 25°C	AH @ 20HR	 [ALL MEASUREMENTS IN MM]								
							L	W	H	TH					
							OVERLANDER 4X4								
127128	N70ZZXHDMF	36	12	760	180	100	305	171	202	225	D	23.60	TWIN	SIDE	CH, CI, MF, MIA, MR, PL, VR
127129	N70ZZLXHDMF	36	12	760	180	100	305	171	202	225	C	23.60	TWIN	SIDE	CH, CI, MF, MIA, MR, PL, VR
125138	DIN65L HD MF	30	12	650	110	65	275	175	175	175	C	17.00	STD	SIDE/END	CH, CI, FA, MF, PL, RP, VR
125136	DIN65LHHDMF	30	12	650	120	70	275	175	188	188	C	19.10	STD	SIDE/END	CH, CI, FA, MF, PL, RP, VR
125139	DIN75L HD MF	30	12	730	135	75	313	175	173	173	C	19.00	STD	SIDE/END	CH, CI, FA, MF, PL, RP, VR
125137	DIN75LHHDMF	30	12	730	145	80	313	175	188	188	C	21.20	STD	SIDE/END	CH, CI, FA, MF, PL, RP, VR



†Conditions apply. Refer to individual warranty statements attached to each battery. *Selected items only.

Dual Battery Systems

In vehicles fitted with multiple accessories with heavy power requirements such as fridges, a dual battery system utilising a secondary deep cycle battery is recommended. Dual battery systems allow you to run a dedicated starting battery in conjunction with a secondary Deep Cycle battery. This allows the starting battery to be used for cranking the engine, and the Deep Cycle battery to power accessories (like fridges) without compromising the performance of the starting battery.

4x4 & SUV



Ultra Hi Performance

Engineered for soft off-road and on-road 4x4's and SUV's, Century Ultra Hi Performance 4x4 batteries provide exceptional starting power and maximum service life. Designed and built in Australia using hard-wearing components, Century Ultra Hi performance batteries are equipped to withstand the punishment of our unique climate and off-road conditions.

- ✓ Exceptional starting power for soft off-road and on-road 4x4's and SUV's
- ✓ Improved internal plate design for extra strength, endurance and durability
- ✓ Platelock™ technology reduces movement of internal plates for vibration resistance.
- ✓ Sealed maintenance-free design for reduced water loss and up to 50% more^ service life

EXCEPTIONAL STARTING POWER

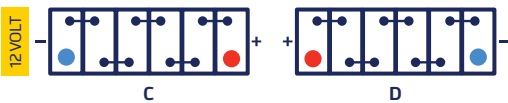
MAXIMUM SERVICE LIFE

EXTRA STRENGTH & ENDURANCE

ENHANCED VIBRATION RESISTANCE

AUSTRALIAN MADE & DESIGNED

ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	CCA @ -18°C	RC @ 25°C	AH @ 20HR	 (ALL MEASUREMENTS IN MM)				 POLARITY	 WEIGHT	 TERM. TYPE	 HOLD DOWN	 SPECIAL FEATURES
							L	W	H	TH					
							ULTRA HI PERFORMANCE								
127120	N70ZZX MF	30	12	810	185	95	305	171	202	225	D	22.60	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR, PL, VR
127121	N70ZZLX MF	30	12	810	185	95	305	171	202	225	C	22.60	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR, PL, VR
127126	NS70X MF	30	12	720	150	82	259	171	202	225	D	19.70	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR, PL, VR
127127	NS70LX MF	30	12	720	150	82	259	171	202	225	C	19.70	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR, PL, VR



†Conditions apply. Refer to individual warranty statements attached to each battery.
^ Compared to Hi Performance product

Hi Performance

Designed for road-based 4x4's and SUV's, Century Hi Performance batteries provide superior starting power for a longer service life. Designed and built in Australia using quality internal components, Century Hi Performance batteries are equipped to handle our unique climate and road conditions, and are the perfect choice for road-based 4x4's and SUV's.

- ✓ Superior starting power for road-based 4x4's and SUV's
- ✓ Specialised plate design for added strength, endurance and durability
- ✓ Improved vibration resistance and reduced self-discharge for improved battery life
- ✓ Sealed maintenance-free design for reduced water loss and longer service life

SUPERIOR STARTING POWER

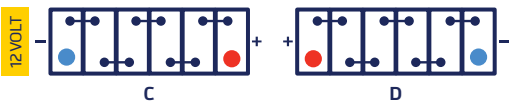
LONGER SERVICE LIFE

ADDED STRENGTH & ENDURANCE

ENHANCED VIBRATION RESISTANCE

AUSTRALIAN MADE & DESIGNED

ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	CCA @ -18°C	RC @ 25°C	AH @ 20HR	 (ALL MEASUREMENTS IN MM)				 POLARITY	 WEIGHT	 TERM. TYPE	 HOLD DOWN	 SPECIAL FEATURES
							L	W	H	TH					
							HI PERFORMANCE								
123120	N70ZZ MF	20	12	720	170	85	305	171	202	225	D	21.90	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR, PL, VR
123121	N70ZZL MF	20	12	720	170	85	305	171	202	225	C	21.90	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR, PL, VR
123126	NS70 MF	20	12	650	140	75	259	171	202	225	D	18.70	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR
123127	NS70L MF	20	12	650	140	75	259	171	202	225	C	18.70	STD	SIDE	CH, CI, CV, FA, MF, MIA, MR



†Conditions apply. Refer to individual warranty statements attached to each battery.

Car Batteries vs 4x4 Batteries

Unlike car batteries which generally travel on smooth sealed roads, 4x4 batteries must be able to resist the hard wear-and-tear of off-road driving.



Repeated vibration and impact from uneven tracks can cause damage and cracks to appear in a battery's internal components and outer case. This can cause shedding of active materials, accelerate corrosion, cause electrolyte leaks to occur and ultimately lead to battery failure.

Car batteries are designed to deliver concentrated bursts of power to crank over and start the engine. The capacity used is replaced by the alternator which charges the battery during the journey. 4X4 batteries must not only have the starting power to crank over larger high compression engines but also provide the power needed to run auxiliary equipment such as winches, spotlights and GPS systems.

4x4 & SUV

Dual Force+

Suitable for use in both starting and shallow cycling applications, Dual Force+ are a range of multi-purpose AGM batteries designed and built specifically for use in a diverse range of applications where dependable starting power and shallow cycling power is a must.

Unlike many AGM products, Century's Dual Force+ range is manufactured using advanced AGM technology and a specialist hard wearing Polypropylene case which makes them ideal for use in under bonnet applications where heat, fluids and other contaminants can damage products not built to the same specifications.

The products are supplied with twin terminals, a dual warranty and an array of advanced design features to ensure long lasting dependable power in a range of applications:

- » 4x4 and light commercial starting systems
- » Caravan, RV & recreational camping applications
- » Dual battery systems
- » Marine starting and cycling

✓ Multi-purpose - starting and shallow cycling

✓ Durable AGM construction with up to 20x greater vibration resistance

✓ Up to 4x more cycle life compared to standard flooded lead acid batteries

✓ Ideal for applications where a dual battery system cannot be fitted

24 MONTH WARRANTY

STARTING

See top and back labels for warranty conditions.

12 CYCLING

4x MORE CYCLE LIFE* TO HANDLE INCREASED ELECTRICAL LOADS & POWER DEMANDS

UP TO 20x GREATER VIBRATION RESISTANCE FOR IMPROVED DURABILITY & LONGER LIFE



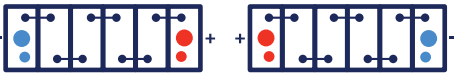
ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	CCA @ -18°C	RC @ 25°C	AH @ 20HR	 (ALL MEASUREMENTS IN MM)				 POLARITY	 WEIGHT	 TERM. TYPE	 HOLD DOWN	 SPECIAL FEATURES
							L	W	H	TH					
							DUAL FORCE ⁺								
148116	24X MF	24/12	12	730	140	75	260	174	200	221	D	21.50	TWIN	SIDE	AGM, CH, FA, MF, VR
148117	24LX MF	24/12	12	730	140	75	260	174	200	221	C	21.50	TWIN	SIDE	AGM, CH, FA, MF, VR
148114	27X MF	24/12	12	750	175	90	305	174	200	223	D	23.50	TWIN	SIDE	AGM, CH, FA, MF, VR
148115	27LX MF	24/12	12	750	175	90	305	174	200	223	C	23.50	TWIN	SIDE	AGM, CH, FA, MF, VR
148118	31X MF	24/12	12	950	200	100	332	172	210	232	D	28.50	TWIN	-	AGM, CH, FA, MF, VR

Absorbed Glass Mat (AGM) Technology

Century Dual Force+ batteries utilise absorbed glass mat technology which suspends liquid electrolyte within highly porous glass fibre mat separators. These separators act as a sponge like material, absorbing the loose electrolyte, eliminating acid leaks and spills whilst delivering superior vibration resistance. The maintenance free design avoids the need for regular topping up of electrolyte levels and enables fitment in hard to reach locations without the need for regular accessibility.

TWIN TERMINAL

12VOLT



C

D

*Conditions apply. Refer to individual warranty statements attached to each battery.

*Compared to standard flooded lead acid batteries.

NOTE: Fitting batteries adjacent to a direct heat source such as turbo chargers may lead to shortened battery life.

Battery Care & Maintenance^

Checking batteries regularly can help to maximise battery life. A routine inspection at least once a month is recommended to maintain optimum performance.

Lead-acid batteries prefer to be kept fully charged, at a voltage of 12.5V or above. If a battery is left in a partially discharged or flat state for extended periods of time, irreversible internal damage will gradually begin to occur, greatly reducing the overall service life you will get out of it.

- Check the battery voltage using a voltmeter
- If the voltage is above 12.5V, the battery is charged and healthy
- If the voltage is at 12.5V or below, recharge the battery
- Re-check your battery voltage at least once a month
- If a battery voltage is consistently low, take it to a Century retailer for testing



^Always follow manufacturers guidelines.

Factors Affecting Battery Life



As batteries operate and age, they gradually lose their capacity. The constant charge and discharge process eventually leads to failure. Components corrode over time, electrical shorts occur and vibration causes damage; eventually causing failure. Overcharging and undercharging of a battery will also have a bearing on battery life.

- ⚠ Early Warning Signs

🔋 Battery Inspection
- 💧 Discharged (flat) Batteries

⚙ Useful Tips

Scan the code to learn more



Century Batteries Nationwide Warranty

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If our testing determines the battery is defective we will replace it, however the costs of delivering it to the warranty location and collecting it and any replacement are yours. The claim must be made within the warranty period listed on top of the battery. Dated proof of purchase is required. The warranty period for replacement starts on the date of purchase of the defective battery it replaces. **Call 1300 361 161** to make a claim. This warranty does not cover defects due to abuse, damage, neglect, sulphation, over or under charging or incorrect application, installation or maintenance.

This warranty is 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 to 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.

THIS WARRANTY DOES NOT COVER:

- | | |
|-------------------------------------|--|
| ✗ A flat battery | ✗ Overcharging |
| ✗ Normal wear and tear | ✗ Spillage from over filling |
| ✗ Physical damage | ✗ Modifications to the battery |
| ✗ Undercharging (sulphation) | ✗ Failure arising from the addition of fluids other than water |
| ✗ Incorrect application | ✗ Batteries used for motorsport or racing activities |
| ✗ Negligence (before or during use) | |

Private Use Statement

Private use is a vehicle used for private needs, as opposed to business uses. These vehicles are generally defined as having only four wheels and are not used to carry passengers or goods for monetary purposes.

Each Century battery is supplied with a warranty against defects for the period and application, as detailed on each battery.

Call 1300 361 161

for your nearest warranty claim location.



Battery Health & Safety[#]



Battery Acid

Battery acid can cause burns. Suitable hand, eye and face protection and protective clothing must be worn.



Acid Spill Response

Bund and neutralise spills with soda ash or other suitable alkali. Dispose of residue as chemical waste or as per local requirements.



First Aid

For advice, call Poison Centre in Australia 13 11 26 quoting SULPHURIC ACID & UN Number 2794/2800, or call a doctor/physician immediately. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by poisons information centre or doctor, or at least 15 minutes. If skin or hair contact occurs, remove contaminated clothing and flush skin or hair with running water.

If Electrolyte is Swallowed, do NOT induce vomiting - give a glass of water. Seek immediate medical assistance.



Exploding Battery

Batteries generate explosive gases during vehicle operation and when charged separately. Flames, sparks, burning cigarettes or other ignition sources must be kept away at all times. Exercise caution when working with metallic tools or conductors to prevent short circuits and sparks.



Always Shield Eyes When Working Near Batteries

When charging batteries, work in a well-ventilated area - never in a closed room. Always turn battery charger or ignition off* before disconnecting a battery.



[#]As extracted and interpreted by product manufacturer from the Battery Council International Service Manual, Chapter 2, Thirteenth Edition. *In some vehicles, ignition may be required to be placed in accessory mode where electronic memory minder is present.



For more information on Century's range of products and services, contact your nearest Century sales office on **1300 362 287** or visit **www.centurybatteries.com.au**



Queensland

49 Cobalt Street
Carole Park, QLD 4300

New South Wales

17 Shale Place
Eastern Creek, NSW 2766

Victoria

122 Indian Drive
Keysborough, VIC 3173

South Australia

106-110 Hayward Avenue
Torrensville, SA 5031

Western Australia

94B Harrison Road
Forrestfield, WA 6058

Tasmania

2/23 Connector Park Drive
Kings Meadows, TAS 7249



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Disclaimer: Century Yuasa Batteries Pty Ltd has compiled the data appearing in this guide from a variety of sources, including automobile manufacturer and unpublished information sources. Although the company believes these sources to be generally reliable, corroboration for some of the data has been either impossible or impractical to obtain. The company believes that the data presented is generally accurate for the purpose for which it is presented, however expressly disclaims any representation or warranty, expressed or implied, concerning the data or recommendations, and in no event shall be liable for loss or damage claimed to have arisen as a result of this guide.