

SUV, 4X4 & LIGHT COMMERCIAL BATTERIES



centurybatteries.co.nz

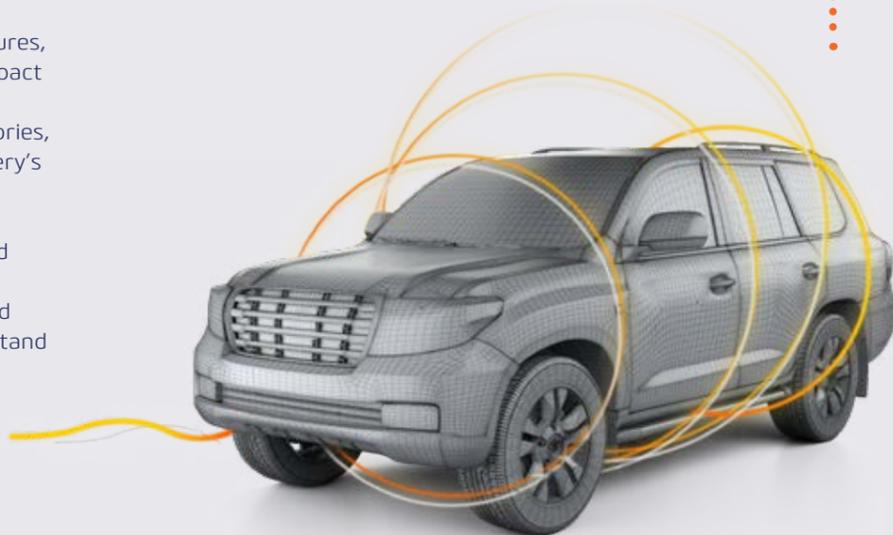
Century
Batteries that last and last



SUV, 4x4 & LIGHT COMMERCIAL

Whether venturing into the high country, traversing sand dunes or on an alpine adventure, it's 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 SUV, 4x4 & Light Commercial batteries are designed and built tough using robust internal components and advanced manufacturing processes to withstand the challenges of New Zealand's extreme conditions.



Century Batteries, designed for New Zealand conditions

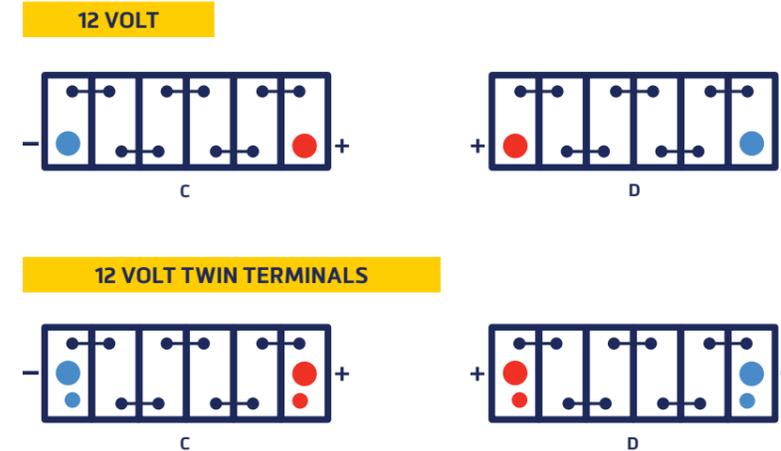
Century Batteries is part of the Century Yuasa group, New Zealand's leading battery supplier. Our reputation for quality and innovation has been refined and demonstrated over many decades.

In this time we have developed the engineering expertise and technical know-how to ensure we deliver a range of superior quality batteries better suited to New Zealand's diverse climate and tough conditions.



Cell Assembly Layout

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Battery Hold-Down



SIDE HOLD-DOWN

Terminal Types

STANDARD TERMINAL POST (STD)



TWIN (STD/WN)



M6 / M8 INSERT



Special Features Glossary

AGM	Absorbed Glass Mat	CV	Central Venting	MIA	Made in Australia
BMS	Battery Management System	FA	Flame Arrestor	MR	Mud Rack
BT	Bluetooth Monitoring	GM	Glass Mat Separator	PL	Platelock™ Technology
CH	Carry Handles	LM	Low Maintenance	QC	Quick Charge
CI	State of Charge Indicator	MF	Maintenance Free	VR	Vibration Resistant

Australian Standard Specifications as per AS 2149.

SUV, 4x4 & Light Commercial



Ultra Hi Performance

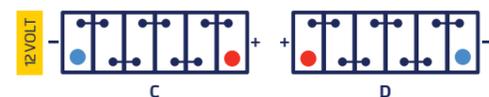
Century Ultra Hi Performance batteries are designed for more than just starting power, manufactured with thicker and more durable components that are able to sustain constant current loads.



- ✓ Calcium technology for superior starting power
- ✓ Platelock™ technology providing shock and vibration resistance
- ✓ Enhanced active material reduces water loss
- ✓ Superior strength and durability
- ✓ Maintainable & maintenance free designs

EXCEPTIONAL STARTING POWER
 MAXIMUM SERVICE LIFE
 EXTRA STRENGTH & ENDURANCE
 ENHANCED VIBRATION RESISTANCE
 DESIGNED FOR NEW ZEALAND CONDITIONS

OLD ITEM ID	OLD BATTERY TYPE	NEW ITEM ID	NEW BATTERY TYPE	WARRANTY†	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	(ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	SPECIAL FEATURES
									L	W	H	TH					
ULTRA HI PERFORMANCE																	
625108	N70ZZLMF	625128	N70ZZLX MF	30	12	760	165	90	304	172	202	225	C	21	STD	SIDE	CH, CI, CV, FA, MF, MR, PL
625109	N70ZZMF	625129	N70ZZX MF	30	12	760	165	90	304	172	202	225	D	21	STD	SIDE	CH, CI, CV, FA, MF, MR, PL
625115	NS70LMF	625135	NS70LX MF	30	12	680	140	80	260	174	202	225	C	18.5	STD	SIDE	CH, CI, CV, FA, MF, MR, PL
625116	NS70MF	625136	NS70X MF	30	12	680	140	80	260	174	202	225	D	18.5	STD	SIDE	CH, CI, CV, FA, MF, MR, PL
ULTRA HI PERFORMANCE SEVERE SERVICE																	
622101	HN70ZZLX	622103	N70ZZLHX	24	12	730	180	95	305	171	202	225	C	23.9	STD	SIDE	CH, CI, GM, LM, MIA, MR, PL, VR
622100	HN70ZZX	622102	N70ZZHX	24	12	730	180	95	305	171	202	225	D	23.9	STD	SIDE	CH, CI, GM, LM, MIA, MR, PL, VR



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

Hi Performance

Century Hi Performance batteries feature hard wearing internal components to reduce corrosion and enhance vibration resistance, while producing dependable power and performance.



- ✓ Calcium technology for dependable starting power
- ✓ Specialist plate design to reduce self-discharge and water loss
- ✓ Superior starting power
- ✓ Platelock™ technology providing shock and vibration resistance*

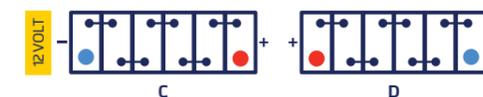
Hi Performance Maintainable

Century Hi Performance maintainable batteries feature hard wearing components to reduce corrosion, limit gassing and minimise water loss, ensuring dependable power when it's needed the most. These batteries utilise a maintainable design to help maximise battery life under harsh conditions.



SUPERIOR STARTING POWER
 LONGER SERVICE LIFE
 ADDED STRENGTH & ENDURANCE
 IMPROVED VIBRATION RESISTANCE
 DESIGNED FOR NEW ZEALAND CONDITIONS

OLD ITEM ID	OLD BATTERY TYPE	NEW ITEM ID	NEW BATTERY TYPE	WARRANTY†	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	(ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	SPECIAL FEATURES
									L	W	H	TH					
HI PERFORMANCE																	
624105	N70ZZLMFHP	624105	N70ZZL MF	24	12	680	145	80	304	172	202	225	C	20	STD	-	CH, CI, CV, FA, MF, MR, PL
624106	N70ZZMFHP	624106	N70ZZ MF	24	12	680	145	80	304	172	202	225	D	20	STD	-	CH, CI, CV, FA, MF, MR, PL
624100	NS70LMFHP	624100	NS70L MF	24	12	600	130	70	260	174	202	225	C	17.4	STD	SIDE	CH, CI, CV, FA, MF, MR, PL
624101	NS70MFHP	624101	NS70 MF	24	12	600	130	70	260	174	202	225	D	17.4	STD	SIDE	CH, CI, CV, FA, MF, MR, PL
HI PERFORMANCE MAINTAINABLE																	
621111	N70Z	621111	N70Z	24	12	620	130	75	304	172	202	225	D	19.5	STD	-	CH, FA, LM, MR
621112	N70ZL	621112	N70ZL	24	12	620	130	75	304	172	202	225	C	19.5	STD	-	CH, FA, LM, MR
621113	NS70	621113	NS70	24	12	580	120	70	260	174	202	225	D	17.9	STD	SIDE	CH, FA, LM, MR
621114	NS70L	621114	NS70L	24	12	580	120	70	260	174	202	225	C	17.9	STD	SIDE	CH, FA, LM, MR



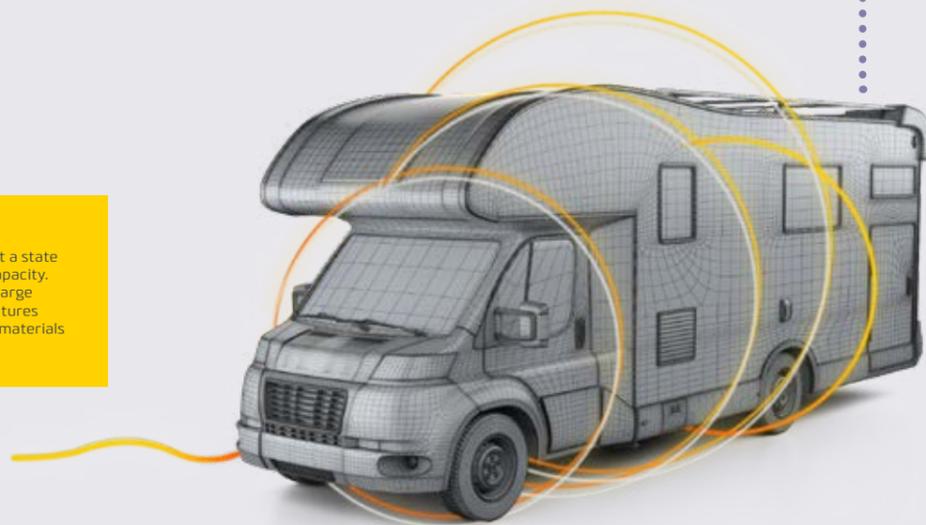
† Conditions apply. Refer to individual warranty statements attached to each battery.
*Selected items only.



LITHIUM PRO

Century Lithium Pro Batteries represent the latest in performance and reliability for non-cranking recreational applications. Lithium Pro batteries have been developed and tested above industry standards to ensure the highest safety and performance.

Their superior energy capacity, operating temperature range and lightweight design makes Century Lithium Pro batteries ideal for use in a range of applications where longer life, faster recharge and dependable power is required.



SEASONAL USE

For seasonal use, the battery should be stored at a state of charge of between 40%-60% of its nominal capacity. Check battery every 4 to 6 months to see if recharge is required, more frequently in ambient temperatures exceeding 35°C. Keep area free from flammable materials and do not store in direct sunlight.

Lithium Pro

Century Lithium Pro batteries are designed to provide long lasting power in recreational deep cycle applications. Capable of delivering over 3000 cycles, 50% more usable energy and up to 10x faster recharging* they are suitable as a drop-in replacement for standard 12V Flooded, Gel or AGM Deep Cycle batteries^.

The superior energy capacity, operating temperature range and lightweight design makes Century Lithium Pro batteries ideal for use in a range of applications where longer life, faster recharge and dependable power is required.



- ✓ 3000+ Cycles and 10x More Cycle Life
- ✓ 10x Faster Recharge for less downtime & recovery from deep discharge
- ✓ Integrated Battery Management System provides safety and protection against incorrect charging, short circuit and over discharge
- ✓ Bluetooth monitoring system



MOTORHOMES & RV'S*



BOATS & YACHTS*



CAMPER TRAILERS & CARAVANS



PORTABLE SOLAR APPLICATIONS*



RECREATIONAL & MOBILITY VEHICLES



4X4 DUAL BATTERY SYSTEMS*

ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	AH @ 20HR	[ALL MEASUREMENTS IN MM]				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	SPECIAL FEATURES
					L	W	H	TH					
LITHIUM PRO													
117100	C12-100XLI	60	12	100	307	172	212	217	D	13.5	M8 INSERT	-	VR, BT, BMS, QC
117102	C12-100XSLi (Slim)	60	12	100	508	110	236	236	D	13.6	M8 INSERT	-	VR, BT, BMS, QC
117101	C12-200XLI	60	12	200	483	170	241	241	D	24.5	M8 INSERT	-	VR, BT, BMS, QC

Century Lithium Pro batteries have been tested in accordance to industry standards relating to performance and safety. We have also invested in additional certification and testing to ensure that the battery conforms to the highest quality in relation to design, performance and safety.

Performance Tests

- Charge-Discharge ageing (IEC61690)
- Overcharge (UN38.3, IEC62619)
- Over Discharge (IEC62619)
- Thermal Resistance (UN38.3, IEC62619)
- V3 Vibration Resistance (UN38.3, IEC60095)
- Thermal Shock (UN38.3, IEC62619)

Safety Tests

- Nail Penetration (cell supplier)
- Impact crush/drop (UN38.3, IEC62619)
- Short circuit resistance (UN38.3, IEC62619)
- Transport of Dangerous Goods (UN38.3)
- IP65

MULTI-TERMINAL



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

#Century Lithium Pro batteries are not suitable for cranking/starting and under bonnet, grid connected solar systems or float charge applications.

^When used within recommended operating conditions and in conjunction with a compatible Lithium charger or charging system.

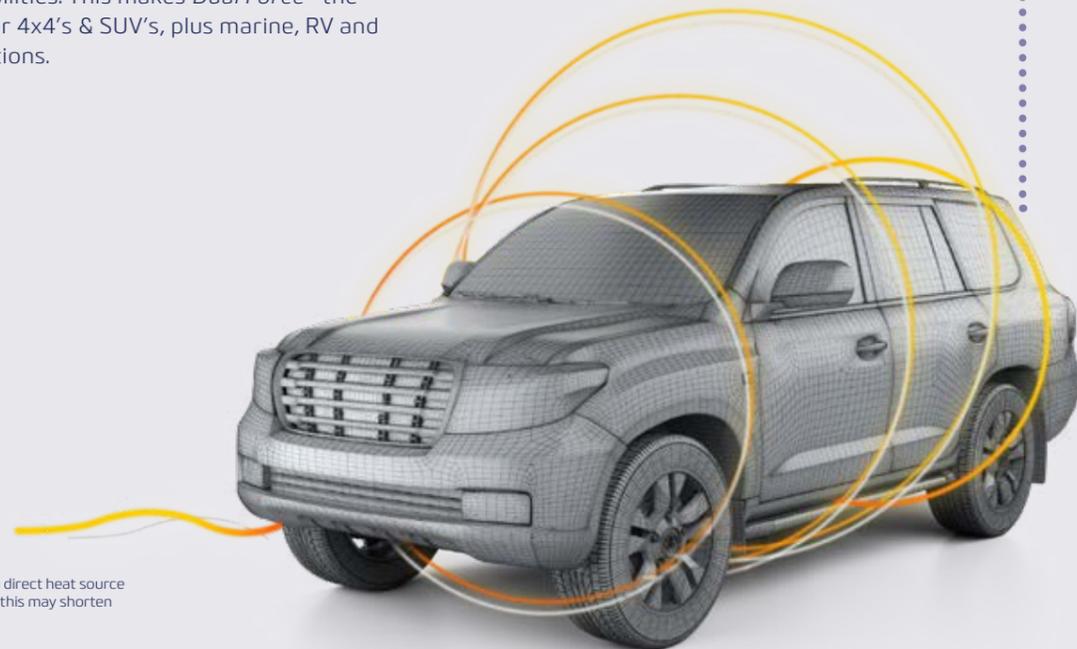
At 80% DOD *Compared with standard flooded lead acid battery.



DUAL FORCE+

Century's *Dual Force+* is a dual-purpose starting and semi-cycling AGM battery designed for under-bonnet use* in some of the harshest terrains New Zealand has to offer.

Incorporating the strength and durability needed to provide long lasting power, this cutting edge battery provided superior cyclic life with the added advantage of starting capabilities. This makes *Dual Force+* the perfect choice for 4x4's & SUV's, plus marine, RV and camping applications.



* Avoid fitting adjacent to a direct heat source such as a turbocharger, as this may shorten overall battery life.

Dual Force+

Suitable for use in both starting and semi-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 cycling power is a must.

Unlike many competitor's AGM products, Century's new *Dual Force+* range is manufactured using advanced AGM technology and specialist hard wearing Polypropylene cases 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.

- ✓ Dual-purpose – starting & cycling applications
- ✓ Durable AGM construction with up to 20x greater vibration resistance
- ✓ Up to 4x more cycle life compared to standard automotive batteries
- ✓ Ideal for applications where a dual battery system cannot be fitted

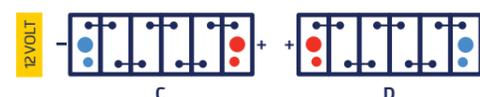


ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	TERMINAL DIMENSIONS (ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	SPECIAL FEATURES
							L	W	H	TH					
DUAL FORCE+															
648116	24X MF	24/12	12	730	140	75	260	174	200	221	D	21.50	TWIN	SIDE	AGM, CH, FA, MF, VR
648117	24LX MF	24/12	12	730	140	75	260	174	200	221	C	21.50	TWIN	SIDE	AGM, CH, FA, MF, VR
648114	27X MF	24/12	12	750	175	90	302	174	200	220	D	23.50	TWIN	SIDE	AGM, CH, FA, MF, VR
648115	27LX MF	24/12	12	750	175	90	302	174	200	220	C	23.50	TWIN	SIDE	AGM, CH, FA, MF, VR
648118	31X MF	24/12	12	950	200	100	332	172	210	232	D	28.50	TWIN		AGM, CH, FA, MF, VR

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 high-current draw accessories (like fridges) without compromising the performance of the starting battery.

TWIN-TERMINAL



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

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 featured on 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 0800 93 93 93 for advice and assistance regarding warranty claims. This warranty does not cover defects due to abuse, damage, neglect, sulphation, over or under charging, normal wear and tear 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 New Zealand's 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.

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



Battery Health & Safety[#]



Battery Acid

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



If Electrolyte is Swallowed

Do NOT induce vomiting – give a glass of water. Seek immediate medical assistance.



First Aid

For advice, contact the poisons information centre (phone 0800 764 766 in New Zealand) or a doctor 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.



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.



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.

THIS WARRANTY DOES NOT COVER:

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



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.



[#]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 **0800 93 93 93** or visit **centurybatteries.co.nz**

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Onekawa Industrial Estate,
Napier 4110

New Plymouth

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New Plymouth 4312

Palmerston North

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Palmerston North 4412

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Dunedin 9016

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.