



# YUASA BATTERY



SUV, 4x4  
& LIGHT  
COMMERCIAL  
BATTERIES





# KEEPING YOU OFF-ROAD FOR LONGER

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. Yuasa'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.



## A PROVEN LEADER FOR STORED ENERGY SOLUTIONS.

Yuasa Batteries is part of the Century Yuasa group, 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 deliver a range of batteries better suited to New Zealand's extreme climate and harsh conditions.

Today we pride ourselves in offering our customers a range of market leading products and services which continue to set new standards in technology and performance.



## CHOOSING THE RIGHT BATTERY

SUV, 4x4 & LIGHT COMMERCIAL			
Battery Type	Ultra Hi Performance	Hi Performance	Hi Performance Maintainable
Fitment	On-road and soft off-road 4x4, SUV & Light Commercial vehicles	On-road 4x4, SUV & Light Commercial vehicles	On-road and off-road 4x4, SUV & Light Commercial vehicles
Application	Superior starting power	Dependable starting power	Dependable starting power and semi-cycling for on-board accessories*
Performance	730 CCA	640 CCA	730 CCA 95AH
Vibration Resistance	✓✓	✓	✓✓✓
SPECIFICATIONS			
Special Features	<ul style="list-style-type: none"> <li>» Platelock™ technology</li> <li>» Calcium grid alloy</li> <li>» PE separator</li> <li>» State of Charge Indicator</li> </ul>	<ul style="list-style-type: none"> <li>» Platelock™ technology</li> <li>» Calcium grid alloy</li> <li>» PE separator</li> <li>» State of Charge Indicator</li> </ul>	<ul style="list-style-type: none"> <li>» Platelock™ technology</li> <li>» Hybrid grid alloy</li> <li>» Glass mat separator</li> <li>» State of Charge Indicator</li> </ul>
Design	MAINTENANCE FREE DESIGN	MAINTENANCE FREE DESIGN	MAINTAINABLE DESIGN
Warranty	<b>24 MONTH WARRANTY</b> †	<b>24 MONTH WARRANTY</b> †	<b>24 MONTH WARRANTY</b> †

Based on N70ZZLMF, N70ZZMFHP and HN70ZZX. † Terms and conditions apply. Refer to individual warranty statement located on battery. \*Low current draw accessories (shallow cycling).



## ONLINE BATTERY FINDER

Are you short on time?

Use Yuasa's online Battery Finder to quickly and easily find the most suitable battery for your needs.

- 1 Visit [yuasabatteries.co.nz](http://yuasabatteries.co.nz)
- 2 Key in the vehicle make, model and year
- 3 The online Battery Finder quickly finds the most suitable battery for your needs





# Ultra Hi Performance

Yuasa 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
- » Enhanced active material reduces water loss
- » Superior strength and durability



FOR SUV, 4x4 & LIGHT COMMERCIAL VEHICLES



SUPERIOR STARTING POWER & PERFORMANCE



PLATELOCK™ VIBRATION RESISTANCE



DESIGNED FOR NEW ZEALAND CONDITIONS



MAINTENANCE FREE DESIGN

ITEM ID	BATTERY TYPE	WARRANTY †	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	DIMENSIONS (all measurements in mm)				POLARITY	WEIGHT (KG)	TERM. TYPE	HOLD DOWN	SPECIAL FEATURES
							L	W	H	TH					
<b>ULTRA HI PERFORMANCE</b>															
625208	N70ZZLMF	24	12	730	165	90	304	172	202	225	C	21.00	STD	SIDE	CH, CI, CV, FA, MF, MR, PL, SL
625209	N70ZZMF	24	12	730	165	90	304	172	202	225	D	21.00	STD	SIDE	CH, CI, CV, FA, MF, MR, PL, SL
625206	N70ZLMF	24	12	660	145	80	304	172	202	225	C	20.00	STD	-	CH, CI, FA, MF, MR, PL
625207	N70ZMF	24	12	660	145	80	304	172	202	225	D	20.00	STD	-	CH, CI, FA, MF, MR, PL
625212	NS70ZLMF	24	12	700	140	80	260	174	202	225	C	18.50	STD	SIDE	CH, CI, FA, MF, MR, PL, SL
625213	NS70ZMF	24	12	700	140	80	260	174	202	225	D	18.50	STD	SIDE	CH, CI, FA, MF, MR, PL, SL
625210	NS70LMF	24	12	600	135	75	260	174	202	225	C	17.90	STD	SIDE	CH, CI, FA, MF, MR, PL, SL
625211	NS70MF	24	12	600	135	75	260	174	202	225	D	17.90	STD	SIDE	CH, CI, FA, MF, MR, PL, SL

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



# Hi Performance

Yuasa 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
- » PlateLock™ technology to combat vibration and impact



FOR SUV, 4x4 & LIGHT COMMERCIAL VEHICLES



DEPENDABLE STARTING POWER & PERFORMANCE



DESIGNED FOR NEW ZEALAND CONDITIONS



MAINTENANCE FREE DESIGN

ITEM ID	BATTERY TYPE	WARRANTY †	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	DIMENSIONS (all measurements in mm)				POLARITY	WEIGHT (KG)	TERM. TYPE	HOLD DOWN	SPECIAL FEATURES
							L	W	H	TH					
<b>HI PERFORMANCE</b>															
621219	NS70LMFHP	24	12	580	130	70	260	174	202	225	C	17.40	STD	-	CH, CI, CV, FA, MF, MR, PL
621220	NS70MFHP	24	12	580	130	70	260	174	202	225	D	17.40	STD	-	CH, CI, CV, FA, MF, MR, PL
621221	N70ZZLMFHP	24	12	640	135	75	304	172	202	225	C	19.50	STD	-	CH, CI, CV, FA, MF, MR, PL
621222	N70ZZMFHP	24	12	640	135	75	304	172	202	225	D	19.50	STD	-	CH, CI, CV, FA, MF, MR, PL
621223	86MFHP	24	12	850	165	95	330	173	217	239	D	25.00	STD	-	CH, CI, FA, MF, MR, PL

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

## 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 run a dedicated starting battery and a Deep Cycle battery in conjunction with each other. This allows the starting battery to be used for cranking the engine and then isolated when the engine is switched off. The Deep Cycle battery is then used to power accessories such as the fridge, without compromising the performance of the starting battery.





# Hi Performance Maintainable

Yuasa 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.

- » Calcium technology for dependable starting power
- » Specialist plate design to reduce self-discharge and water loss
- » Semi-cycling performance for on-board accessories
- » Maintainable design for maximum control over battery life



FOR SUV, 4x4 & LIGHT COMMERCIAL VEHICLES



DEPENDABLE STARTING POWER & PERFORMANCE



PLATELOCK™ VIBRATION RESISTANCE



DESIGNED FOR NEW ZEALAND CONDITIONS



MAINTAINABLE DESIGN

ITEM ID	BATTERY TYPE	WARRANTY †	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	DIMENSIONS (all measurements in mm)				POLARITY	WEIGHT (KG)	TERM. TYPE	HOLD DOWN	SPECIAL FEATURES
							L	W	H	TH					
<b>Hi PERFORMANCE MAINTAINABLE</b>															
621213	NS70	24	12	580	120	70	260	174	202	225	D	17.90	STD	SIDE	CH, FA, LM, MR, SL
621214	NS70L	24	12	580	120	70	260	174	202	225	C	17.90	STD	SIDE	CH, FA, LM, MR, SL
621211	N70Z	24	12	620	130	75	304	172	202	225	D	19.50	STD	-	CH, FA, LM, MR
621212	N70ZL	24	12	620	130	75	304	172	202	225	C	19.50	STD	-	CH, FA, LM, MR
622200	HN70ZZX	24	12	730	180	95	305	171	202	225	D	23.90	STD	SIDE	CH, CI, GM, LM, MIA, MR, PL, SL, VR
622201	HN70ZZLX	24	12	730	180	95	305	171	202	225	C	23.90	STD	SIDE	CH, CI, GM, LM, MIA, MR, PL, SL, VR

† 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.



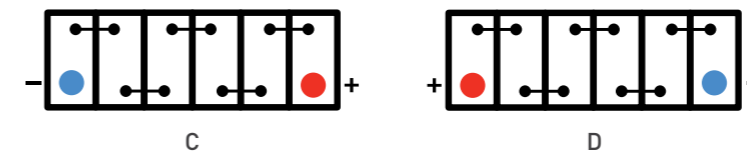
Repeated vibration and impact from uneven tracks can cause damage and cracks to appear in a battery's internal components and outer case. This can cause shedding of active materials, accelerate corrosion, cause electrolyte leaks to occur and ultimately lead to battery failure.

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 reserve capacity needed to run auxiliary equipment such as winches, spotlights and GPS systems.

When choosing a 4x4 & Light Commercial battery it is critical to invest in a battery that has been designed and manufactured specifically to handle the extreme demands of New Zealand's off-road driving conditions and today's accessory-laden vehicles.

## Cell Assembly Layout

12 Volt



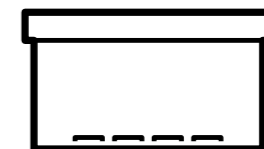
## Terminal Types

Standard Terminal Post (STD)



## Battery Hold-Down

Side Hold-down



## Special Features Glossary

<b>CH</b>	Carry Handles	<b>GM</b>	Glass Mat Separator	<b>MR</b>	Mud Rack
<b>CI</b>	State of Charge Indicator	<b>LM</b>	Low Maintenance	<b>PL</b>	Platelock™ Technology
<b>CV</b>	Central Venting	<b>MIA</b>	Made in Australia	<b>SL</b>	Side Ledge
<b>FA</b>	Flame Arrestor	<b>MF</b>	Maintenance Free	<b>VR</b>	Vibration Resistant





# YUASA BATTERY

For more information on Yuasa's range of products and services, visit [yuasabatteries.co.nz](http://yuasabatteries.co.nz)

Available from:

