



YUASA BATTERY



MARINE BATTERIES



MARINE

THE ULTIMATE MARINE BATTERIES, PERFECTLY ADAPTED TO LIFE ON THE WATER. SPECIFICALLY DESIGNED TO HANDLE THE HARSH AND DEMANDING EFFECTS OF VIBRATION WHILE DELIVERING RELIABLE STARTING POWER AND PERFORMANCE.

The Yuasa Seafarer range includes a comprehensive selection of superior quality marine batteries, incorporating advanced design features and specialist hard-wearing components for recreational or industrial marine applications.

Yuasa Seafarer batteries are equipped to handle the rigours of wave pounding, engine vibration and trailer transport while delivering reliable starting power and performance.

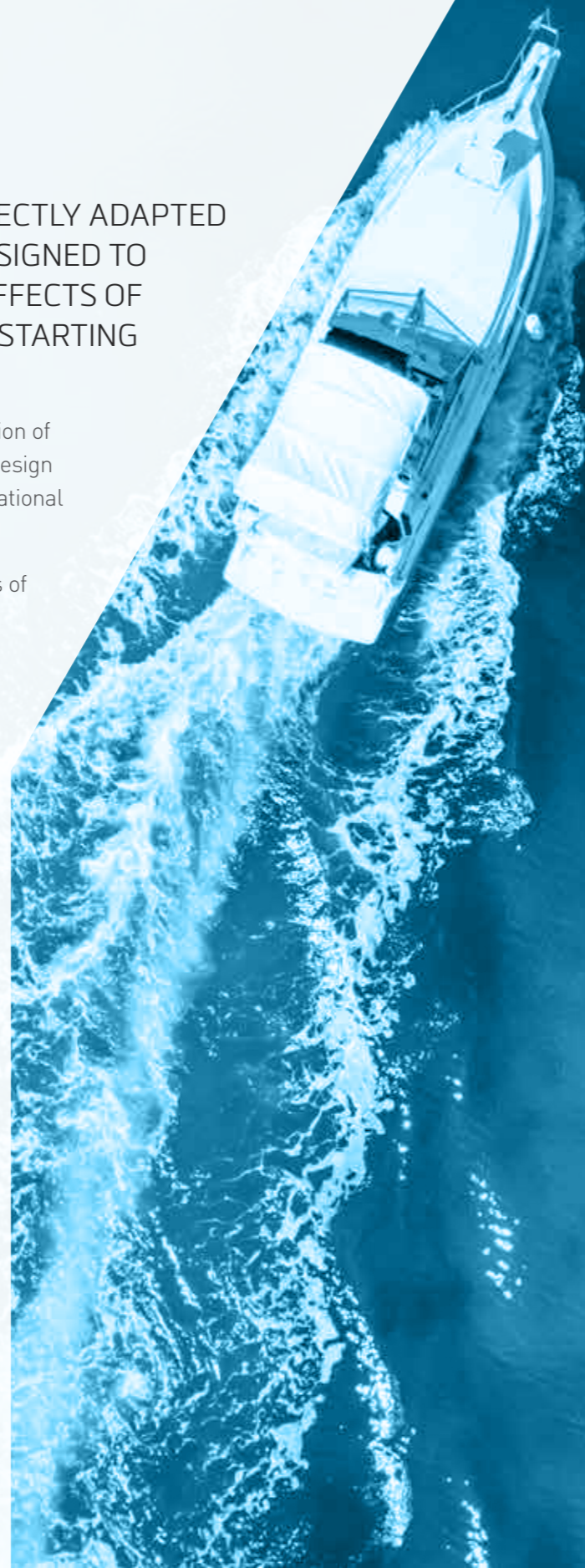


A PROVEN LEADER FOR STORED ENERGY SOLUTIONS.

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

Marine batteries are not only required to provide sufficient starting power for high compression engines but also deliver power for on-board accessories, even when the boat engine is switched off. Understand the requirements of your on-board accessories to ensure you have sufficient power to start your engine and get safely back to shore.

SEAFARER	APPLICATION	IDEAL POWER FOR	PERFORMANCE	SPECIAL FEATURES	DESIGN	WARRANTY
 Marine Pro 530 (M57MF)	Outboard & inboard starting up to 70hp	Starting + basic electrics	MCA 640 CCA 530 AH 52*	» Vibration resistant » Platelock™ technology » Dual fit terminals	 MAINTENANCE FREE DESIGN	
 Marine Pro 680 (M24MF)	Outboard & inboard starting up to 150hp	Starting + basic electrics	MCA 850 CCA 680 AH 78	» Vibration resistant » Platelock™ technology » Twin terminals	 MAINTENANCE FREE DESIGN	
 Marine Pro 720 (M27MF)	Outboard & inboard starting up to 225hp	Starting + basic + optional electrics	MCA 900 CCA 720 AH 80	» Vibration resistant » Platelock™ technology » Twin terminals	 MAINTENANCE FREE DESIGN	
 Marine Pro 800 (M30MF)	Outboard & inboard starting up to 275hp	Starting + basic + optional electrics	MCA 1000 CCA 800 AH 90	» Vibration resistant » Platelock™ technology » Twin terminals	 MAINTENANCE FREE DESIGN	
 Marine Pro Cruiser (N150MMF & N200MMF)	For larger vessels starting 350hp+	Starting + basic + optional electrics	MCA 1400# CCA 1150# AH 200*#	» Vibration resistant » Platelock™ technology » For heavy duty applications	 MAINTENANCE FREE DESIGN	

*Conditions apply. Refer to individual warranty statements attached to each battery. **Not recommended for semi-cycling applications. #Based in N200MMF.

On-Board Marine Electrics

BASIC ELECTRICS

- » Control instruments
- » Standard lighting
- » Bilge pump
- » UHF/VHF radio

OPTIONAL ELECTRICS

- » Extra lighting
- » GPS
- » Fish finder
- » Auto pilot
- » Trim tabs
- » Fridge



Seafarer

The ultimate in marine battery performance, incorporating some of the toughest internal components in the industry.

- » Superior starting power
- » Thicker plates for improved strength and durability in marine applications
- » Dual purpose – starting and semi-cycling capabilities for on-board accessories*
- » Designed to combat the effects of wave pounding, engine vibration and damage from trailer transportation



DEPENDABLE PERFORMANCE & DURABILITY



PLATELOCK™ COMBATS WAVE POUNDING & VIBRATION



MAINTENANCE FREE DESIGN

ITEM ID	BATTERY DESCRIPTION	BATTERY TYPE	CCA -18°C	RC @25°C	MCA @0°C	AH @ 20HR	DIMENSIONS (all measurements in mm)				POLARITY	WEIGHT	TERM. TYPE	HOLD DOWN	SPECIAL FEATURES	STARTS ENGINES	ELECTRICS
							L	W	H	TH							
SEAFARER																	
635203	Seafarer 530	M57MF	530	86	640	52#	230	170	185	209	C	13.70	DF	-	CH, CI, FA, MF, MR, PL	Up to 70hp	Basic electrics
635200	Seafarer 680	M24MF	680	140	850	78	257	172	200	220	D	18.60	TWIN	SIDE	CH, CI, CV, FA, MF, PL, SL	Up to 150hp	Basic electrics
635201	Seafarer 720	M27MF	720	160	900	80	302	172	200	220	D	20.20	TWIN	SIDE	CH, CI, CV, FA, MF, PL, SL	Up to 225hp	Basic + 2 optional electrics
635202	Seafarer 800	M30MF	800	180	1000	90	330	172	218	242	D	23.30	TWIN	-	CH, CI, CV, FA, MF, MR, PL, VR	Up to 275hp	Basic + optional electrics

* Conditions apply. Refer to individual warranty statements attached to each battery. † Low current draw accessories. *Not recommended for semi-cycling applications.

Marine Cranking Amperes (MCA)

MCA IS USED TO MEASURE THE NUMBER OF AMPERES A BATTERY CAN DELIVER FOR 30 SECONDS AT A SPECIFIC TEMPERATURE, HOWEVER WITH MCA THE TEST IS CONDUCTED AT 0°C RATHER THAN -18°C.

MCA ratings are 20 – 25% higher than a CCA rating and commonly used to rate marine starting batteries. When comparing battery ratings it is important to compare like for like. Always ensure the CCA rating is compared against CCA and MCA rating against MCA. Some manufacturers may rate the battery according to a CA standard. This test is conducted at the same temperature as the MCA rating and should not be confused with CCA.



Seafarer Cruiser

A range of heavy duty maintenance free marine batteries designed for use in larger marine vessels.

- » Superior starting power
- » Dependable performance and durability
- » Robust internal components for heavy duty applications
- » Designed to combat the effects of wave pounding and engine vibration



FOR LARGER MARINE VESSELS



DEPENDABLE PERFORMANCE & DURABILITY



PLATELOCK™ COMBATS WAVE POUNDING & VIBRATION



MAINTENANCE FREE DESIGN

ITEM ID	BATTERY TYPE	CCA -18°C	RC @25°C	MCA @0°C	AH @ 20HR	DIMENSIONS (all measurements in mm)				POLARITY	WEIGHT	TERM. TYPE	HOLD DOWN	SPECIAL FEATURES	STARTS ENGINES	ELECTRICS
						L	W	H	TH							
SEAFARER CRUISER																
635205	N150MMF	1000	300	1220	155*	508	222	213	236	F	38.40	STD	-	CH, CI, FA, MF, MR, PL	350hp+	-
635206	N200MMF	1150	400	1400	200*	522	279	220	244	F	51.50	STD	-	CH, CI, FA, MF, MR, PL	350hp+	-

* Conditions apply. Refer to individual warranty statements attached to each battery. † Not recommended for semi-cycling applications.

Dual Battery Systems

IN BOATS FITTED WITH MULTIPLE ACCESSORIES SUCH AS FRIDGES AND LIGHTING SYSTEMS, 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 lights, without compromising the performance of the starting battery.





Avoid Becoming a Marine Statistic

CENTURY YUASA IS A PROUD SPONSOR AND OFFICIAL BATTERY SUPPLIER TO COASTGUARD NEW ZEALAND, A CHARITY DEDICATED TO SAVING LIVES AT SEA AND EDUCATING NEW ZEALANDERS ON HOW TO STAY SAFE ON THE WATER.

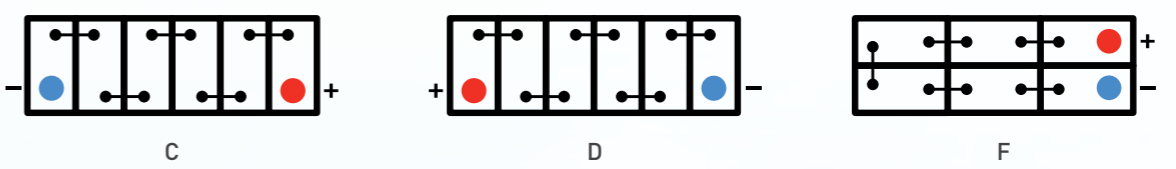
Last year Coastguard New Zealand brought over 7,000 people home safely after an emergency on the water. Maritime Safety Authorities are becoming increasingly concerned over the increasing number of breakdowns on the water caused as a result of flat or incorrect batteries fitted on vessels.

Understanding your marine battery and power requirements is critical if you want to avoid becoming a marine breakdown statistic. When choosing a marine battery it is important to invest in battery that has been specially designed to handle the demands of marine conditions and performance requirements of marine vessels.

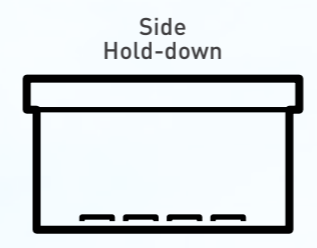


Cell Assembly Layout

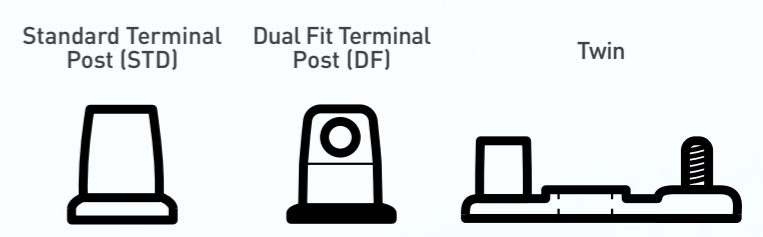
12 Volt



Battery Hold-Down



Terminal Types



Special Features Glossary

CH	Carry Handles	FA	Flame Arrestor	PL	Platelock™ Technology
CI	State of Charge Indicator	MF	Maintenance Free	VR	Vibration Resistant
CV	Central Venting	MR	Mud Rack		



Car Batteries VS Marine Batteries

UNLIKE CAR BATTERIES WHICH GENERALLY TRAVEL ON SMOOTH, SEALED ROADS, MARINE BATTERIES MUST BE ABLE TO RESIST VIBRATION FROM WAVE POUNDING AND TRAILER TRANSPORT.

Repeated vibration and wave impact on non-marine batteries can cause damage and cracks to appear in the battery's internal components and outer case. This can cause shedding of active materials, accelerate corrosion, electrolyte leaks 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. Marine batteries must not only have the starting power to crank over high compression engines but also provide the power needed to run on board accessories.

When choosing a marine battery it is critical to invest in a battery that has been designed and manufactured specifically to handle the extreme demands of marine environments and modern marine electrical systems.





YUASA BATTERY

For more information on Yuasa's range of products and services, visit yuasabatteries.co.nz

Available from:

