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## MADE FOR BOATS... JUST BOATS

THE ULTIMATE MARINE BATTERIES, PERFECTLY ADAPTED TO LIFE ON THE WATER. SPECIFICALLY DESIGNED TO HANDLE THE RIGOURS OF WAVE POUNDING DELIVERING RELIABLE STARTING POWER AND PERFORMANCE.

The Century Marine Pro 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.

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



CENTURY BATTERIES IS AUSTRALIA'S OLDEST AND MOST RECOGNISED BATTERY MANUFACTURER WITH A PROUD HISTORY OF DESIGNING AND MANUFACTURING BATTERIES IN AUSTRALIA SINCE 1928.

Our reputation for quality and innovation has been refined and demonstrated over many decades. In this time we have developed the manufacturing expertise and technical know-how to develop a range of batteries better suited to Australia'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.

MARINE PRO RANGE	Application	ldeal Power For	Performance	Special Features	Design	Warranty
Marine Pro 580 (D23RM)	Outboard & inboard starting up to 45hp	Starting + basic electrics	MCA 695 CCA 580 AH 65*	» Platelock™ technology » Full frame cast plates^ » Twin terminals	LOW MAINTENANCE DESIGN	24, MONTH WARRANTY
Marine Pro 620 (NS70M)	Outboard & inboard starting up to 115hp	Starting + basic electrics	MCA 744 CCA 620 AH 75	» Platelock™ technology » Full frame cast plates^ » Twin terminals	LOW MAINTENANCE DESIGN	24, MONTH WARRANTY
Marine Pro MF (NS70MX MF)	Outboard & inboard starting up to 115hp	Starting + basic electrics	MCA 720 CCA 600 AH 70	» Platelock™ technology » Twin terminals	MAINTENANCE FREE DESIGN	24, MONTH WARRANTY
Marine Pro 730 (N70ZM)	Outboard & inboard starting up to 350hp	Starting + basic + optional electrics	MCA 875 CCA 730 AH 100	» Platelock™ technology » Full frame cast plates^ » Twin terminals	LOW MAINTENANCE DESIGN	24, MONTH WARRANTY
Marine Pro MF (N70ZMX MF)	Outboard & inboard starting up to 350hp	Starting + basic + optional electrics	MCA 900 CCA 750 AH 95	» Platelock™ technology » Twin terminals	MAINTENANCE FREE DESIGN	24, MONTH WARRANTY
Marine Pro MF (86M MF )	Outboard & inboard starting 350hp+	Starting + basic + optional electrics	MCA 1200 CCA 1000 AH 100	» Vibration resistant » Twin terminals	MAINTENANCE FREE DESIGN	24, MONTH WARRANTY
Marine Pro HD (C30HH)	For commercial vessels starting 350hp+	Starting + basic + optional electrics	MCA 816 CCA 680 AH 110	<ul> <li>» Vibration resistant</li> <li>» For heavy duty applications</li> </ul>	MAINTENANCE FREE DESIGN	12 MONTH WARRANTY
Marine Pro Cruiser (N200M & N150M)	For larger vessels starting 350hp+	Starting	MCA 1440 <sup>#</sup> CCA 1200 <sup>#</sup> AH 200 <sup>^#</sup>	<ul> <li>» Vibration resistant</li> <li>» For heavy duty</li> <li>applications</li> </ul>	LOW MAINTENANCE DESIGN	12 MONTH WARRANTY

<sup>†</sup>Conditions apply. Refer to individual warranty statements attached to each battery. \*Not recommended for semi-cycling applications. #Based on N200M. ^Positive plate only.

## **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

## 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 reserve capacity 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.





#### **CELL LAYOUT**

## **TERMINAL TYPES**

12 Volt

Standard Terminal Post (STD) Standard / Wing Nut Terminal (STD / WN)



## SPECIAL FEATURES GLOSSARY

СН	Carry Handles	GM	Glass Mat Separator	MR	Mud Rack
CI	State of Charge Indicator	LM	Low Maintenance	PL	Platelock Technology
с٧	Central Venting	ΜΙΑ	Made in Australia	VR	Vibration Resistant
FA	Flame Arrestor	MF	Maintenance Free		

# Marine Pro

The ultimate in marine battery performance, designed and built tough here in Australia to suit our conditions.

- » Hybrid technology for superior starting power
- » Thicker full frame cast plates<sup>^</sup> 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



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ARINE PRO

ITEM ID	BATTERY DESCRIPTION	BATTERY TYPE	CCA -18°C	RC @25°C	MCA @0°C	AH @ 20HR				POLARITY	POLARITY WEIGHT TERM. TYPE		HOLD DOWN	SPECIAL FEATURES	STARTS ENGINES	ELECTRICS	
MARI							L	w	н	тн						ST	
131110	Marine Pro 580	D23RM	580	105	695	65*	231	171	202	225	D	16.4	STD /WN	SIDE	CH, CI, LM, MIA, MR, PL, VR	Up to 45hp	Basic Electrics
131109	Marine Pro 620	NS70M	620	155	744	75	260	171	202	225	D	21.0	STD /WN	SIDE	CH, CI, GM, LM, MIA, MR, PL, VR	Up to 115hp	Basic Electrics
131108	Marine Pro 730	N70ZM	730	180	875	100	305	171	202	225	D	25.1	STD /WN	-	CH, CI, GM, LM, MIA, MR, PL, VR	Up to 350hp	Basic+ 2 optional Electrics

<sup>†</sup>Conditions apply. Refer to individual warranty statements attached to each battery. ^Positive plate only. \*Not recommended for semi-cycling applications.

#### **MARINE CRANKING AMPERES (MCA)**

Similar to CCA, 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.

#### Marine Pro MF A range of maintenance free batteries designed to provide reliable starting power for high compression engines and sufficient enturu reserve capacity for running basic marine electrics. » Calcium technology for reliable starting power » Specialist plate design to reduce self-discharge and water loss » 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 PLATELOCK™ TECHNOLOGY: COMBATS WAVE POUNDING & DESIGNED & BUILT FOR AUSTRALIAN MAINTENANCE FREE DESIGN VIBRATION CONDITIONS STARTS ENGINES @ ZOHR ТЕRМ. ТҮРЕ HOLD DOWN ELECTRICS BATTERY TYPE CCA -18°C RC @25°C MCA @0°C POLARITY EATURES DIMENSIONS WEIGHT TEM ID SPECIAL (all measurements in mm) Å L W н TH **MARINE PRO MF** CH, CI, CV, FA, STD Up to Basic 135103 NS70MX MF 600 118 720 70 260 174 200 225 D 17.5 SIDE MF, MR, PL, /WN 115hp Electrics VR CH, CI, CV, FA, Basic + Up to STD MF, MR, PL, 135102 N70ZMX MF 750 145 900 95 302 171 200 225 D 21.6 SIDE Optional /WN 350hp VR Electrics CH, CI, CV, FA, Basic + STD 135104 86M MF 180 100 MF, MR, PL, +350hp 1000 1200 330 172 218 242 D 25 Optional /W/NVR Electrics

<sup>†</sup>Conditions apply. Refer to individual warranty statements attached to each battery.

## **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.



# Marine Pro Cruiser

Low maintenance, heavy duty starting batteries designed for use in larger marine vessels.

- » Hybrid technology for superior starting power
- » Specialist plate design to reduce self-discharge and water loss
- » Robust internal components for heavy duty applications



Century MARINE PRO

| BATTERY<br>TYPE | CCA -18°C                 | RC @25°C                   | MCA @0°C  
  | AH @ 20HR   |  
   |   | IMENSIONS<br>Pasurements in mm)   
   |   | POLARITY  
   
   | WEIGHT   | TERM. TYPE   
   | HOLD DOWN  | SPECIAL<br>FEATURES  | ARTS ENGINES  | ELECTRICS  |
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| N150M           | 950                       | 300                        | 1140  
  | 150#  | 528  
   | 214   | 224   
   | 246   | F   
   
   | 38.4   | STD  
   | -  | CH, GM, LM, MR,<br>PL, VR  | +350hp  | -  |
| N200M           | 1200                      | 430                        | 1440  
  | 200#  | 528  
   | 277   | 224   
   | 246   | F   
   
   | 51.5   | STD  
   | -  | CH, GM, LM, MR,<br>PL, VR  | +350hp  | -  |
|                 | <b>IE PRO CI</b><br>N150M | 표 PRO CRUISEI<br>N150M 950 | Image: Processing state         Image: System state </td <td>값     값     값     값       IE PRO CRUISER       N150M     950     300     1140</td> <td>Image: Example in the pro cruiser       Image: Example in the process in the process</td> <td>L       L         L       L       L         L       L       L         L       L       L         L       L       L       L         L       L       L       L       L         L       L       L       L       L         L       L       L       L       L         L       L       L       L       L     &lt;</td> <td>Image: Property in the second system       Image: Property in the second system<!--</td--><td>Image: Second state in the second</td><td>Image: Relation of the system       Image: Relation of the system<td>Image: Line product with the state of t</td><td>Image: Region of the system       Image: System       <th< td=""><td>IC     IC     IC     W     H     TH     IC     IC       N150M     950     300     1140     150#     528     214     224     246     F     38.4     STD</td><td>Image: Second secon</td><td>Image: Second second</td><td>Image: Marking Marking</td></th<></td></td></td> | 값     값     값     값       IE PRO CRUISER       N150M     950     300     1140 | Image: Example in the pro cruiser       Image: Example in the process | L       L         L       L       L         L       L       L         L       L       L         L       L       L       L         L       L       L       L       L         L       L       L       L       L         L       L       L       L       L         L       L       L       L       L     < | Image: Property in the second system       Image: Property in the second system </td <td>Image: Second state in the second</td> <td>Image: Relation of the system       Image: Relation of the system<td>Image: Line product with the state of t</td><td>Image: Region of the system       Image: System       <th< td=""><td>IC     IC     IC     W     H     TH     IC     IC       N150M     950     300     1140     150#     528     214     224     246     F     38.4     STD</td><td>Image: Second secon</td><td>Image: Second second</td><td>Image: Marking Marking</td></th<></td></td> | Image: Second state in the second | Image: Relation of the system       Image: Relation of the system <td>Image: Line product with the state of t</td> <td>Image: Region of the system       Image: System       <th< td=""><td>IC     IC     IC     W     H     TH     IC     IC       N150M     950     300     1140     150#     528     214     224     246     F     38.4     STD</td><td>Image: Second secon</td><td>Image: Second second</td><td>Image: Marking Marking</td></th<></td> | Image: Line product with the state of t | Image: Region of the system       Image: System <th< td=""><td>IC     IC     IC     W     H     TH     IC     IC       N150M     950     300     1140     150#     528     214     224     246     F     38.4     STD</td><td>Image: Second secon</td><td>Image: Second second</td><td>Image: Marking Marking</td></th<> | IC     IC     IC     W     H     TH     IC     IC       N150M     950     300     1140     150#     528     214     224     246     F     38.4     STD | Image: Second secon | Image: Second | Image: Marking |

For more information on Century's range of products and services, visit www.centurybatteries.com.au







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