

# MARINE BATTERIES



[centurybatteries.co.nz](http://centurybatteries.co.nz)

**Century**  
Batteries that last and last





# MARINE

## Perfectly Adapted to Life on Water

The Century Marine range includes a comprehensive selection of superior quality starting, dual purpose and Deep Cycle batteries designed to provide long lasting dependable power in both commercial and recreational marine applications.

Designed and manufactured using advanced plate technology, thicker plates and specialist heavy duty internal components, Century Marine batteries are designed to handle New Zealand's extreme marine conditions, harsh climates and the excessive impact and vibration associated with wave pounding and trailer transportation.

From dedicated starting batteries, to dual purpose AGM options and a range of dedicated Deep Cycle solutions including Lithium and AGM, whatever your Marine power requirements Century Batteries has the solution.



## Century Batteries, designed for New Zealand conditions

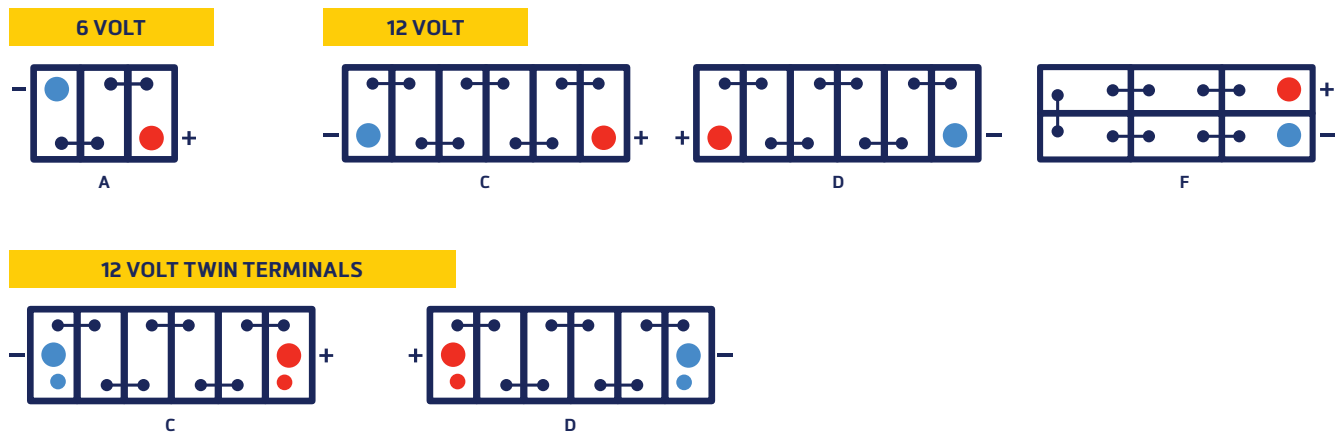
Century Batteries is part of the Century Yuasa group, New Zealand's leading battery supplier. Our reputation for quality and innovation has been refined and demonstrated over many decades.

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



## Battery Hold-Down



**SIDE  
HOLD-DOWN**

## Terminal Types

**STANDARD TERMINAL  
POST (STD)**



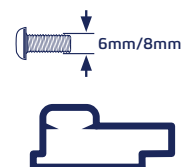
**DUAL FIT TERMINAL  
POST (DF)**



**TWIN TERMINAL  
(STD/WN)**



**M6 / M8 INSERT**



## Special Features Glossary

<b>AGM</b>	Absorbed Glass Mat	<b>FA</b>	Flame Arrestor	<b>PV</b>	Pressure Valve
<b>BMS</b>	Battery Management System	<b>GM</b>	Glass Mat Separator	<b>QC</b>	Quick Charge
<b>BT</b>	Bluetooth Monitoring	<b>LM</b>	Low Maintenance	<b>RP</b>	Recessed Post
<b>CH</b>	Carry Handles	<b>MF</b>	Maintenance Free	<b>VR</b>	Vibration Resistant
<b>CI</b>	State of Charge Indicator	<b>MR</b>	Mud Rack	<b>LI</b>	LiFePO4
<b>CV</b>	Central Venting	<b>PL</b>	Platelock™ Technology		





# MARINE PRO

The ultimate in marine batteries, perfectly adapted to life on the water. Century Marine Pro batteries are specifically designed to handle the harsh and demanding environments which boats are often subjected to.

Engineered for purpose and manufactured using quality components, the Century Marine Pro range includes product options to suit all popular boat types and engine sizes. From a starting battery for a tinny, through to batteries for larger engines and powering accessories – there's a Marine Pro battery to suit.

## Choosing the right battery



Marine Pro 580 (D23RM MF)	Marine Pro 680 (NS70M MF)	Marine Pro 780 (N70ZM MF)	Marine Pro 1000 (86M MF)
Starting	Dual Purpose Starting & Semi-Cycling	Dual Purpose Starting & Semi-Cycling	Dual Purpose Starting & Semi-Cycling
Starts Engines up to 70HP	Starts Engines up to 150HP	Starts Engines up to 350HP	Starts Engines 350HP+
<b>✓ Reliable Starting Power</b> <ul style="list-style-type: none"> <li>• 750 MCA</li> <li>• 580 CCA</li> </ul>	<b>✓ Superior Starting Power</b> <ul style="list-style-type: none"> <li>• 880 MCA</li> <li>• 680 CCA</li> <li>• 75 Ah</li> </ul>	<b>✓ Exceptional Starting Power</b> <ul style="list-style-type: none"> <li>• 1000 MCA</li> <li>• 780 CCA</li> <li>• 80 Ah</li> </ul>	<b>✓ Exceptional Starting Power</b> <ul style="list-style-type: none"> <li>• 1200 MCA</li> <li>• 1000 CCA</li> <li>• 100 Ah</li> </ul>
<b>✓ Starting</b>	<b>✓ Starting</b> <b>✓ Power for basic electrics</b>	<b>✓ Starting</b> <b>✓ Power for basic electrics</b> <b>✓ Extra power for optional marine accessories</b>	<b>✓ Starting</b> <b>✓ Power for basic electrics</b> <b>✓ Extra power for optional marine accessories</b>
Platelock™ Technology - combats wave pounding & engine vibration	Platelock™ Technology - combats wave pounding & engine vibration	Platelock™ Technology - combats wave pounding & engine vibration	Platelock™ Technology - combats wave pounding & engine vibration
	Twin Terminals - For connection of marine accessories	Twin Terminals - For connection of marine accessories	Twin Terminals - For connection of marine accessories

### On-Board Marine Electrics

#### BASIC ELECTRICS

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

#### OPTIONAL ELECTRICS

- » Extra lighting
- » Auto pilot / Trim tabs
- » GPS / Fish Finder
- » Fridge





# Marine Pro .....

Century Marine Pro batteries are designed and manufactured to handle the rigours of wave pounding and deliver reliable starting power and performance. The Marine Pro range can start engines from 70 – 350+hp and power multiple on-board accessories<sup>^</sup>.



- ✓ Superior starting power - starts engines from 70 – 350+hp
- ✓ Dual purpose – starting and semi-cycling capabilities for on-board accessories<sup>^</sup>
- ✓ Thicker full frame cast plates for improved strength and durability
- ✓ Platelock™ technology to combat the effects of wave pounding and damage from trailer transport



**DUAL PURPOSE  
STARTING &  
SEMI-CYCLING**



**STARTS  
ENGINES  
UP TO 350HP**





**PLATELOCK™  
COMBATS WAVE  
POUNDING**



**SUPERIOR  
STRENGTH &  
ENDURANCE**



**EXTREME  
VIBRATION  
RESISTANCE**

ITEM ID	BATTERY TYPE	WARRANTY <sup>1</sup>	VOLTS	CCA -18°C	MCA -0°C	RC @ 25°C	AH @ 20HR	 (ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	 SPECIAL FEATURES	STARTS ENGINES
								L	W	H	TH						
								HI PERFORMANCE MAINTAINABLE									
635107	D23RM MF (Marine Pro 580*)	24	12	580	750	90	50	230	170	185	209	D	13.8	DF	-	CH, CI, FA, MF, MR, PL, VR	Up to 70hp
635108	NS70M MF (Marine Pro 680)	24	12	680	880	130	75	258	174	200	222	D	17.9	TWIN	SIDE	CH, CI, CV, FA, MF, PL, VR	Up to 150hp
635109	N70ZM MF (Marine Pro 780)	24	12	780	1000	160	80	302	171	200	222	D	21.6	TWIN	SIDE	CH, CI, CV, FA MF, PL, VR	Up to 350hp
635110	86M MF (Marine Pro 1000)	24	12	1000	1200	180	100	330	172	218	242	D	25	TWIN	-	CH, CI, CV, FA, MF, MR, PL, VR	350+hp

Do not connect starting cables to threaded terminal posts.

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

#Suitable for starting only.

OFFICIAL BATTERY SUPPLIER TO



<sup>^</sup>Excluding Marine Pro 580.





# DUAL PURPOSE MARINE BATTERIES

## The All-In-One Power Solution

Ideal for space restricted applications or situations where only one battery is required, Century's range of Dual-Purpose batteries not only provide the starting power for high compression marine engines but the added benefit of semi-cycling capability for on board electrics.

Available in an AGM (Absorbed Glass Mat) or Flooded design, Century's *Dual Force+* and Deep Cycle Plus range are constructed using extra thick battery plates, extremely hardwearing internal components and denser active material to withstand the rigours of New Zealand's harsh marine conditions and deliver dependable power and performance whilst on the water.



CENTURY BATTERIES 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 a battery that has been specially designed to handle the demands of marine conditions and the performance requirements of marine vessels.



OFFICIAL BATTERY SUPPLIER TO

 **COASTGUARD**  
TAUTIAKI MOANA







# Dual Force+ .....

Century *Dual Force+* are the ultimate multi-purpose AGM battery, providing powerful starting and cycling power for marine applications. Constructed using thicker battery plates, specialist glass mat separators hard wearing internal components to deliver longer and superior performance.

- ✓ 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	 (ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	 SPECIAL FEATURES
							L	W	H	TH					
							DUAL FORCE <sup>+</sup>								
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

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

## Deep Cycle Plus

The all-round dual purpose Deep Cycle Plus battery with cycling and starting capabilities. Designed to provide longer life performance when continually discharged and recharged. Constructed with premium-grade raw materials and acid electrolytes to ensure reliable performance.

- ✓ Superior cycle life
- ✓ Designed to withstand repeated recharge and discharge cycles
- ✓ Platelock™ technology providing shock and vibration resistance
- ✓ Thicker plates for improved strength and durability



**DUAL PURPOSE  
CYCLING &  
STARTING**



**SUPERIOR  
CYCLE  
LIFE**



**DEEP  
DISCHARGE  
CAPABILITY**



**SUPERIOR  
RECHARGE  
EFFICIENCY**

ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	CCA -18°C	RC @ 25°C	AH @ 20HR	<div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div>(ALL MEASUREMENTS IN MM)</div>				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	<div><div></div></div> <div>SPECIAL FEATURES</div>
							L	W	H	TH					
							DEEP CYCLE PLUS								
645100	24DC MF	12	12	600	135	82	260	171	202	225	D	18.6	TWIN	SIDE	CH, CI, CV, FA, MF, MR, PL, VR
645101	27DC MF	12	12	680	160	96	304	172	202	225	D	21.2	TWIN	SIDE	CH, CI, CV, FA, MF, MR, PL, VR
645104	31DC MF	12	12	680	200	110	330	173	217	239	D	25	TWIN	SIDE	CH, CI, CV, FA, MF, MR, PL, VR

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





# DEEP CYCLE MARINE RANGE

## Stay Out on the Water for Longer

Century's range of Deep Cycle batteries are the ideal solution to provide long lasting, uninterrupted power for onboard electrics and accessories in recreational and commercial vessels.

Constructed using thicker full frame cast plates\* denser active material and impact resistant casing, Century Deep Cycle batteries are engineered to withstand repeated deep discharge and recharge cycles.

Available in flooded, AGM and Lithium variants ranging from 55Ah to 270Ah, Century has the battery solution to suit your exact power needs.



## Calculating your power requirements

### NOT SURE HOW TO CALCULATE YOUR POWER REQUIREMENTS?

Use our online interactive Deep Cycle battery Power Calculator to work out your estimated Ah power requirements.

- 1 Visit [www.centurybatteries.co.nz/products/deep-cycle/power-calculator](http://www.centurybatteries.co.nz/products/deep-cycle/power-calculator) or scan the QR code
- 2 List the equipment and devices you wish to power - including their power consumption (in watts) and their estimated usage time (hours)
- 3 The online Deep Cycle battery Power Calculator quickly finds the most suitable battery to power your needs

Equipment / Device

1.

Power Consumption  
(Watts)

Usage Time per day  
(Hours)

\*Selected items only.







# 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

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, LI	
117101	C12-200XLi	60	12	200	483	170	241	241	D	24.50	M8 INSERT		VR, BT, BMS, QC, LI	

Century Lithium Pro batteries have been tested in accordance to industry standards relating to performance and safety 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
- Electrical Safety Regulation (RCM)

†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.



# Deep Cycle AGM



The ultimate in deep cycle performance. Century AGM Deep Cycle batteries utilise the latest Absorbed Glass Mat technology to provide superior cycle life, maximum deep discharge capabilities and durability characteristics.

- ✓ Absorbed Glass Mat (AGM) Technology for superior cycle life
- ✓ Thicker full-frame cast plates for maximum deep discharge capabilities
- ✓ Spill-proof design allows for multi-angle fitment at up to a 90° angle^
- ✓ Exceptional shock and vibration resistance to handle the harshest environments



**SUPERIOR  
CYCLE  
LIFE**





**MAXIMUM DEEP  
DISCHARGE  
CAPABILITY**



**SUPERIOR  
RECHARGE  
EFFICIENCY**



**MULTI  
ANGLE  
FITMENT^**

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					
					DEEP CYCLE AGM								
148130	C105AGM	12	6	225	260	180	263	282	A	30.50	TWIN		AGM, VR
148122	C12-55XDA	24	12	55	229	138	211	216	D	18.00	M6 INSERT	-	AGM, CH, CV, FA, MF, PV, RP, VR
148143	C12-75XDA	36	12	75	260	169	211	218	D	23.50	M6 INSERT	-	AGM, CH, CV, FA, MF, PV, RP, VR
148140	C12-105XDA	36	12	105	307	169	210	215	D	29.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, RP, VR
148141	C12-120XDA	36	12	120	328	172	215	220	D	32.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, RP, VR
148126	C12-165XDA	24	12	165	532	207	214	219	F	50.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, RP, VR
148147	C12-270XDA	36	12	270	520	268	220	225	F	74.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, RP, VR
648102	LPC6-190	12	6	190	306	168	222	228	A	30.80	M6 INSERT	-	AGM, CH, MF, VR

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

^ Not suitable for inverted or end mounted use.





# Deep Cycle Flooded .....

A robust and dependable range of batteries designed for applications and installations where reliable, long lasting power supply is required.

- ✓ Dependable cycling performance with superior heat resistance
- ✓ Designed to withstand repeated recharge and discharge cycles
- ✓ Superior deep discharge capabilities



LONG  
CYCLE  
LIFE

DEEP  
DISCHARGE  
CAPABILITY

IMPROVED  
RECHARGE  
EFFICIENCY

ENHANCED  
HEAT  
RESISTANCE

ITEM ID	BATTERY TYPE	WARRANTY†	VOLTS	AH @ 20HR	<div><div><div>H</div><div>L</div></div><div><div>TH</div><div>L</div><div>W</div></div><div>(ALL MEASUREMENTS IN MM)</div></div>				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	<div><div></div><div>SPECIAL FEATURES</div></div>	
					L	W	H	TH						
DEEP CYCLE FLOODED														
641140	12A	12	6	105	227	172	184	210	A	15.80	STD	-	GM, LM, VR	
645103	D23LT MF	12	12	65	232	173	200	225	C	17.00	STD	-	CH, CI, FA, MF	
641128	C105	12	6	225	264	181	245	276	A	29.79	W/NUT	-	LM, VR	
641129	C145	12	6	260	264	181	264	295	A	39.90	W/NUT	-	LM, VR	
641130	C8VGC	12	8	170	264	181	245	276	D	31.88	W/NUT	-	LM, VR	
641131	C1275	12	12	150	329	181	245	276	D	39.60	W/NUT	-	VR	

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





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](http://centurybatteries.co.nz)**

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**Batteries that last and last**

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.