

MARINE BATTERIES



centurybatteries.co.nz

Century
Batteries that last and last



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 Absorbed Glass Mat (AGM) options and a range of dedicated Deep Cycle solutions including Lithium and AGM, whatever your Marine power requirements Century Batteries has the solution.



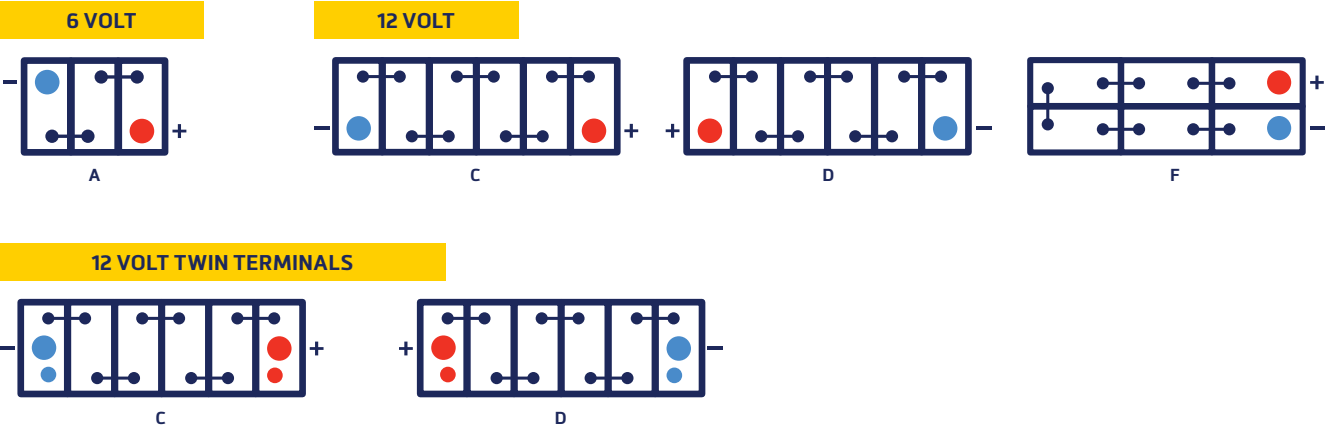
Century Batteries, designed for New Zealand conditions

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



Terminal Types



Special Features Glossary

AGM	Absorbed Glass Mat	FA	Flame Arrestor	MR	Mud Rack
BMS	Battery Management System	GM	Glass Mat Separator	PL	Platelock™ Technology
BT	Bluetooth Monitoring	LI	Lithium-ion	PV	Pressure Valve
CH	Carry Handles	LM	Low Maintenance	QC	Quick Charge
CI	State of Charge Indicator	LPCM	Low Power Consumption Mode	VR	Vibration Resistant
CV	Central Venting	MF	Maintenance Free		

Australian Standard Specifications as per AS 600095.



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, right 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+
✓ Reliable Starting Power • 750 MCA • 580 CCA	✓ Superior Starting Power • 880 MCA • 680 CCA • 78 Ah	✓ Exceptional Starting Power • 1000 MCA • 780 CCA • 80 Ah	✓ Exceptional Starting Power • 1200 MCA • 1000 CCA • 100 Ah
✓ Starting	✓ Starting ✓ Power for basic electrics	✓ Starting ✓ Power for basic electrics ✓ Extra power for optional marine accessories	✓ Starting ✓ Power for basic electrics ✓ Extra power for optional marine accessories
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



Learn more



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^.

- ✓ Superior starting power - starts engines from 70 – 350+hp
- ✓ Dual purpose – starting and semi-cycling capabilities for on-board accessories^
- ✓ Thicker 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†	VOLTS	CCA @ -18°C	MCA @ -0°C	RC @ 25°C	AH @ 20HR	H L TH L W (ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	SPECIAL FEATURES	STARTS ENGINES
								L	W	H	TH						
MARINE PRO																	
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	140	78	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.
*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 onboard electrics.

Available in 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 PARTNER OF COASTGUARD TAUTIAKI MOANA, A CHARITY DEDICATED TO SAVING LIVES AT SEA AND EDUCATING NEW ZEALANDERS ON HOW TO STAY SAFE ON THE WATER.

Every year, Coastguard responds to thousands of incidents, bringing thousands of people home safely and saving lives of those who need help most. Maritime safety authorities continue to highlight the risks associated with failing, flat or incorrectly installed batteries 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.



Dual Force+

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

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



ITEM ID	BATTERY TYPE	WARRANTY ¹	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 ⁺								
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

¹Conditions apply. Refer to individual warranty statements attached to each battery.
²24 months for private use, 12 months for commercial use.

Deep Cycle Plus

The all-round dual purpose battery with shallow-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 cycling performance in a diverse range of recreational and commercial applications.

- ✓ 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
STARTING &
SHALLOW-CYCLING

SUPERIOR
CYCLE
LIFE

DEEP
DISCHARGE
CAPABILITY

SUPERIOR
RECHARGE
EFFICIENCY

ITEM ID	BATTERY TYPE	WARRANTY¹	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					
							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

¹Conditions 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 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	Power Consumption (Watts)	Usage Time per day (Hours)
1.		

*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
- ✓ Low Power Consumption Mode reduces power consumption when the device is not in use, helping the battery last longer

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								
117103	C12-100XLI+	60	12	100	307	172	212	217	D	12.60	M8 INSERT	-	BMS, BT, LI, LPCM, QC, VR
117104	C12-150XLI+	60	12	150	307	172	212	217	D	16.50	M8 INSERT	-	BMS, BT, LI, LPCM, QC, VR

Century Lithium Pro batteries have been tested in accordance to industry standards relating to performance and safety. Century Yuasa has 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 (IEC61960)
- 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 Rated

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.

[†]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								
648102	LPC6-190	12	6	190	306	168	222	228	A	30.80	M6 INSERT	-	AGM, CH, MF, VR
148130	C105AGM	12	6	225	260	180	263	282	A	30.50	TWIN		AGM, CH, CV, MF, PV, VR
148142	C12-55XDA	36	12	55	229	138	211	216	D	18.00	M6 INSERT	-	AGM, CH, CV, FA, MF, PV, VR
148143	C12-75XDA	36	12	75	260	169	211	218	D	23.50	M6 INSERT	-	AGM, CH, CV, FA, MF, PV, VR
148140	C12-105XDA	36	12	105	307	169	210	215	D	29.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, VR
148141	C12-120XDA	36	12	120	328	172	215	220	D	32.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, VR
148146	C12-165XDA	36	12	165	532	207	214	219	F	50.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, VR
148147	C12-270XDA	36	12	270	520	268	220	225	F	74.00	M8 INSERT	-	AGM, CH, CV, FA, MF, PV, VR

¹Conditions apply. Refer to individual warranty statements attached to each battery.
^Not suitable for inverted or end mounted use.

Deep Cycle Flooded

Century Deep Cycle Flooded batteries are designed to handle our extreme climate and harsh operating conditions. They are a robust and dependable range of batteries designed for conventional 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
- ✓ Designed for under bonnet use in 4x4's, SUV's, recreational and commercial vehicles



LONG
CYCLE
LIFE



DEEP
DISCHARGE
CAPABILITY



IMPROVED
RECHARGE
EFFICIENCY



ENHANCED
HEAT
RESISTANCE

ITEM ID	BATTERY TYPE	WARRANTY¹	VOLTS	AH @20HR	 (ALL MEASUREMENTS IN MM)				POLARITY	WEIGHT (KG)	TERMINAL TYPE	HOLD DOWN	 SPECIAL FEATURES
					L	W	H	TH					
					DEEP CYCLE FLOODED								
641140	12A	12	6	105	227	172	184	210	A	15.80	STD	-	CH, GM, LM
645103	D23LT MF	12	12	65	232	173	200	225	C	17.00	STD	-	CH, CI, FA, MF

¹Conditions 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**

Head Office

259 Church Street, Onehunga,
Auckland 1061

Auckland

149 Captain Springs Road,
Onehunga, Auckland 1061

Whangarei

Unit 7, 7- 11 Nell Place,
Whangarei 0110

Hamilton

Unit 2, 149 Ossie James Drive,
Hamilton 3282

Tauranga

41 Patene Place,
Omanawa 3171

Napier

61 Ford Road
Onekawa, Napier 4110

New Plymouth

14 Mustang Drive, Bell Block,
New Plymouth 4312

Palmerston North

7 Connolly Place, Milson,
Palmerston North 4414

Wellington

48 Seaview Road, Seaview,
Lower Hutt 5010

Nelson

6/38 Estuary Place, Richmond,
Nelson 7020

Christchurch

485A Waterloo Road, Islington,
Christchurch 8042

Dunedin

12 Orari Street, South Dunedin,
Dunedin 9012



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.