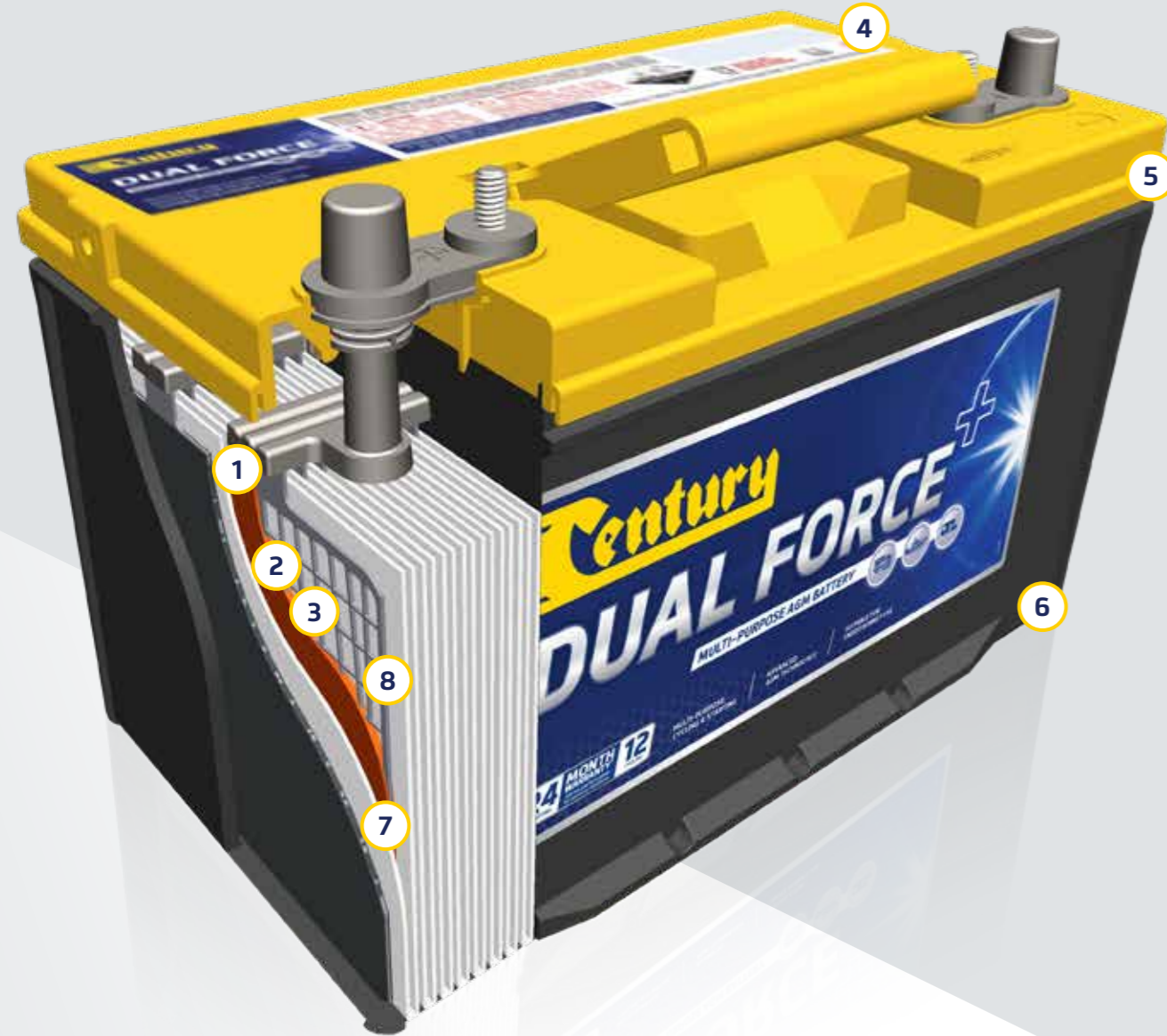


# Advanced AGM Technology

Century's Dual Force+ are a range of true multi-purpose batteries incorporating advanced design features and specialist internal components to deliver superior starting and cycling performance.



- 1 ADVANCED AGM SEPARATOR**
  - High porosity envelope AGM separator improves electrolyte dispersion for increased cycle life and vibration resistance.
- 2 X-FRAME ROUNDED EDGE GRID**
  - Improves strength, reduces grid growth, prevents short circuit & separator puncture.
- 3 WAVE STRUCTURE**
  - Helps prevent shedding of active materials.
- 4 SPECIALIST SAFETY VALVES**
  - Release excessive pressure & gasses from overcharging.
- 5 MAINTENANCE FREE, NON-SPILLABLE DESIGN\***
  - Spill proof design enables multi-angle fitment in hard to reach locations.
- 6 REINFORCED POLYPROPYLENE CASE**
  - Suitable for under bonnet use.
  - Vibration & impact resistant.
  - Assists with heat dispersion.
- 7 HIGH DENSITY ACTIVE PASTE**
  - Added carbon improves cycling & overall life.
- 8 THICKER PLATES**
  - 20% thicker plates enhances life, durability and cycling capability.

\*Ensure cables are clean & tight. Not suitable for inverted use.

# 90° Side Mounting

The advanced AGM technology and heat sealed lid provides a spill proof design, enabling 90° side mounted\* fitment for safe use in cabins and other hard to reach locations.  
\*Not suitable for inverted or end mounted use

# Charging & Testing

The Dual Force+ can be tested using DHC or Midtronics testing equipment available from Century Batteries and selecting the AGM option in battery technology.

The Century CC1206-XLi and CC1212-XLi battery chargers are ideal for charging the Dual Force+.



# Warranty

The Century Dual Force+ range is supplied with a dual warranty for both starting and cycling applications as per the following conditions:

- Private Use: Starting 24 months / Deep Cycle 12 months
- Commercial Use: Starting 12 months / Deep Cycle 6 months



Warranty void for Taxi use and in vehicles fitted with ISS systems.

For more information visit [centurybatteries.co.nz](http://centurybatteries.co.nz) or call 0800 93 93 93



Find us on Facebook

For more information contact:

# DUAL FORCE+ MULTI-PURPOSE AGM BATTERY SHALLOW-CYCLING



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





# DUAL FORCE+

Century's *Dual Force+* are a range of dual purpose starting & shallow-cycling AGM batteries designed for under-bonnet use\* in some of the harshest terrains New Zealand has to offer.

Incorporating the strength and durability needed to provide long lasting power, this cutting edge battery delivers dependable cycling performance with the added advantage of high cranking capacity. This makes *Dual Force+* the perfect choice for 4x4's & SUV's, plus marine, RV and camping applications.



\* Avoid fitting adjacent to a direct heat source such as a turbocharger, as this may shorten overall battery life.

## 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.



## 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 power and cycling power is a must.

Unlike many competitor's AGM products, Century's new *Dual Force+* range is manufactured using advanced AGM technology and specialist hard wearing Polypropylene cases which makes them ideal for use in under bonnet applications where heat, fluids and other contaminants can damage products not built to the same specifications.

The products are supplied with twin terminals, a dual warranty and an array of advanced design features to ensure long lasting dependable power in a range of applications:

- » 4x4 and light commercial starting systems
- » Caravan, RV & recreational camping applications
- » Dual battery systems
- » Marine starting and cycling



- ✓ 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 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					
<b>DUAL FORCE+</b>															
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

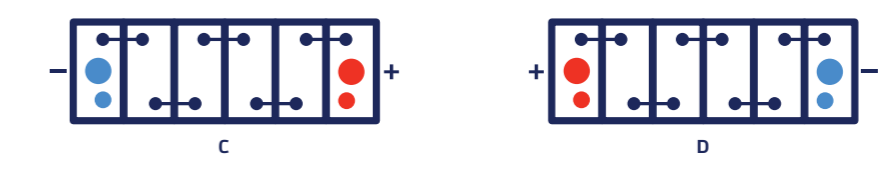
## Absorbed Glass Mat (AGM) Technology

Century *Dual Force+* batteries utilise absorbed glass mat technology which suspends liquid electrolyte within highly porous glass fibre mat separators. These separators act as a sponge like material, absorbing the loose electrolyte, eliminating acid leaks and spills whilst delivering superior vibration resistance. The maintenance free design avoids the need for regular topping up of electrolyte levels and enables fitment in hard to reach locations without the need for regular accessibility.

† Conditions apply. Refer to individual warranty statements attached to each battery.  
NOTE: Fitting batteries adjacent to a direct heat source such as turbo chargers may lead to shortened battery life.

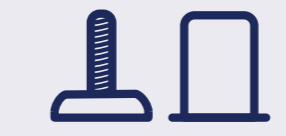
## Cell Assembly Layout

### 12 VOLT TWIN TERMINAL



## Terminal Types

TWIN (STD/WN)



## Battery Hold-Down



SIDE HOLD-DOWN

## Special Features Glossary

AGM	Absorbed Glass Mat	FA	Flame Arrestor	VR	Vibration Resistant
CH	Carry Handles	MF	Maintenance Free		

Australian Standard Specifications as per AS 60095.