

Century Deep Cycle AGM Batteries

The ultimate in Deep Cycle battery performance and technology, incorporating some of the most technically advanced design features and internal components available.

Available in a range of sizes up to 270Ah, they are ideal for commercial and industrial applications where fast recharge, improved vibration resistance and superior deep cycle performance is required.

Choose Century Deep Cycle AGM Batteries:

- ✓ Superior Deep Cycle performance
- ✓ Longer Life
- ✓ Deep discharge & recharge capability
- ✓ Improved recharge capability
- ✓ Superior vibration & impact resistance
- ✓ Spill proof construction
- ✓ Maintenance free design
- ✓ A Nationwide warranty



Century Deep Cycle AGM Batteries are ideal for use in a range of applications such as recreational vehicles and accessories, dual battery systems, golf carts, electric wheel chairs, mobility scooters, marine systems, arial platforms, sweepers, scrubbers and other commercial equipment.

Choosing the Right Battery

The size and type of the most suitable deep cycle battery is dependant on the applications and conditions of use. Use the following guide to help determine the right size battery:

1. Work out the Power Consumption (Watts) of each item of equipment being used = **Total Watts**.
2. Calculate the estimated time of use in hours = **Total Hours**.
3. Calculate Power Consumption by multiplying **Total Watts x Total Hours = Watt Hours**.
4. Add 30% safety net = Power Consumption x 1.3
5. Convert Power Consumption into Ah to 80% depth of discharge
$$\frac{\text{Power Consumption (Wh)}}{\text{Total Battery Voltage} \times 0.8}$$

example

- 1-2. Calculate Power Consumption & Time of Use
 - Refrigerator, 40W for 10 hours = (40 x 10) = 400Wh
 - Lights, 20W for 4 hours = (20 x 4) = 80Wh
 - Winch, 90W for 0.2 hours = (90 x 0.2) = 18Wh
3. Total Power Consumption = **498Wh**
4. 30% Safety Net
Power Consumption (Wh) x 1.3 = (498 x 1.3) = **648W**
5. Convert power consumption to Battery Ah (80% of discharge)

$$\text{Capacity (Ah)} = \frac{\text{Power Consumption (Wh)}}{\text{Total Battery Voltage} \times 0.8} = \frac{648}{(12 \times 0.8)} = \mathbf{68Ah}$$

Available from:-



Dispose of your used battery responsibly visit recyclemybattery.com.au or call 1300 650 702 to find your nearest approved Battery Recycling Centre.

For more information call **13 22 87**



CB103-1199



Batteries that last and last

Deep Cycle AGM

ADVANCED DEEP CYCLE TECHNOLOGY



www.centurybatteries.com.au





Superior Deep Cycle Performance

Century Deep Cycle AGM Batteries are the ultimate in deep cycle performance and technology, incorporating some of the most robust and technically advanced materials available in the battery industry. Featuring specialist battery plates, extra strong grid designs and superior active paste materials, they deliver longer lasting, dependable deep cycle power in recreational and commercial applications.

Century Deep Cycle AGM Batteries are built to withstand the extreme operating conditions associated with Australia's harsh environment. They are capable of hundreds of repeated deep discharge and recharge cycles and include a range of design features to maximise performance.

Advanced AGM Technology

Century Deep Cycle AGM batteries incorporate Absorbed Glass Mat (AGM) technology, which suspends the 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. The maintenance free design avoids the need for regular topping up of liquid electrolyte and enables fitment in hard to reach locations without the need for regular accessibility.

Superior Vibration Resistance

During manufacture the specialist glass mat separators expand as the liquid electrolyte is absorbed. This expansion compresses the battery's internal components securely together and when combined with specialist casing material, delivers superior resistance to damage from vibration and impact.

Efficient Recharge Capability

Century Deep Cycle AGM batteries have low self discharge and a low internal resistance. When fully charged, the batteries are robust enough to be stored for extended periods of time before being recharged to full capacity. The low internal resistance enables recharge at a lower voltage and at a larger charge current, resulting in faster recharge and the ability to recharge using the vehicles alternator.



Description	Warranty months*	V	Ah Rate @ 20 hr	Dimensions (mm)				Weight (kg)	Terminal Type
				L	W	H	Total H		
C12-32DA	12	12	32	166	175	175	175	8.1	M5 Insert
C12-55DA	12	12	58	229	138	210	235	18	M6 Insert
C12-75DA	12	12	78	260	169	210	235	23.5	M6 Insert
C12-100DA	12	12	103	307	169	210	235	29	M8 Insert
C12-120DA	12	12	123	328	172	222	222	32	M8 Insert
C12-125DA	12	12	125	407	177	225	225	35	M8 Insert
C12-140DA	12	12	140	340	173	280	285	41.5	M8 Insert
C12-165DA	12	12	165	530	209	214	219	53	M8 Insert
C12-270DA	12	12	270	520	268	220	225	74	M8 Insert

* Warranty void if mounted under bonnet.

Typical Applications

Century Deep Cycle AGM batteries are ideal for use in applications where fast recharge, improved vibration resistance and superior deep cycle performance is required. They are suitable for use in a diverse range of commercial and recreational applications including:

- 4WD's
- Dual battery systems
- Recreational vehicles
- Golf Carts
- Mobility scooters
- Wheel chairs
- Marine systems
- Aerial work platforms
- Scrubbers & Sweepers
- Back up power applications

Peace of Mind

Century Deep Cycle AGM Batteries are backed by a fully comprehensive nationwide warranty and supported with Australia's most extensive sales and distribution network. This gives you the peace of mind that your battery is covered against faulty materials and workmanship for up to 12 months and that a team of battery specialists are on hand to service your battery needs.



Please note that fuel, oil and other engine lubricants may damage battery casing material and as such it is strongly recommended to avoid mounting in under bonnet applications and invalidating the warranty.