



Century
PS SERIES



**MULTIPURPOSE VRLA
RECHARGEABLE BATTERIES**
FOR DEPENDABLE BACK-UP & PRIMARY POWER

Stationary Power

Century PS 5-year VRLA batteries are a range of high-performance multi-purpose batteries which provide dependable primary and back-up power in domestic and commercial applications.

Manufactured to the latest international standards using some of the highest quality materials and internal components, Century PS batteries provide reliable, trouble free power in applications demanding high service life.



Primary Power Use

Suitable for use in applications requiring constant power over extended periods of time. The advanced design features and specialist construction makes Century PS batteries perfect as the main power source for a range of applications including:

- ✓ Marine equipment
- ✓ Electronic test equipment
- ✓ Television & video recorders
- ✓ Powered ride-on toys
- ✓ Portable lighting
- ✓ Power tools

Back-up Power Use

Provides dependable reserve power to operate critical systems in the event of mains power failure. In such situations these specialist batteries remain on charge until a mains power outage, where they engage providing power to critical systems. Typical back-up power applications include:

- ✓ Communications & broadband equipment
- ✓ Automated doors & security gates
- ✓ Alarm & security systems
- ✓ Medical equipment*
- ✓ Fire systems
- ✓ Computer servers
- ✓ Emergency lighting systems
- ✓ Vending machines

*Please refer to machine manufacturer's specifications for suitability.



Superior Design

Century PS batteries incorporate Absorbed Glass Mat (AGM) technology which suspends the liquid electrolyte within highly porous glass fibre mat separators. These act as a sponge like material absorbing the loose electrolyte, eliminating accidental leaks or spills.

The Valve Regulated Lead Acid (VRLA) recombinant design eliminates the need for regular maintenance and enables fitment in hard to reach locations without the loss of performance, capacity or cycle life.

✓ High Discharge Rates

Low internal resistance allows discharge currents up to 10 times rated capacity

✓ Easy Handling

Leak-proof construction avoids need for special handling and transportation requirements

✓ Design Flexibility

Can be used in series and/or parallel to service a range of voltage and capacity requirements

✓ Rugged Construction

High-impact resistant battery casing provides superior resistance to vibration, shock and heat

✓ Valve Regulated / Maintenance Free

Gasses are recombined within cells, eliminating the need for topping up of electrolyte levels

✓ Longer Shelf Life

Low self discharge rates permit longer storage and shelf life

✓ Compact

High grade materials, state of the art designs and specialist plate construction delivers high energy density and superior power to weight ratios

✓ High Charge Acceptance

Enables quicker recharge for less downtime



Superior Construction

Thicker terminals provide enhanced discharge capability

Non-spillable, sealed maintenance free design allows for safe operation in any orientation*

*Except upside down

Glass Mat separator allows superior acid retention & higher discharge

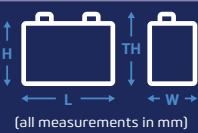




High quality ABS container increases strength

Specialist separators & grid for longer life & less self discharge

High density active material provides longer life & cycling



Product Specifications

ITEM ID	BATTERY TYPE	WARRANTY†	AH @ 20HR	 (all measurements in mm)							
				L	W	H	TH	POLARITY	WEIGHT	TERM. TYPE	SPECIAL FEATURES
6 VOLT											
170016	PS612	12	1.2	97	24	51.5	57.5	D	0.29	T1	AGM, MF, VR
170030	PS630	12	3.2	134	34	60	66	D	0.67	T1	AGM, MF, VR
170019	PS640	12	4	70	47	100	106	B	0.81	T1	AGM, MF, VR
170042	PS645	12	4.5	70	47	100	106	B	0.81	T1	AGM, MF, VR
170021	PS670	12	7	150	34	94	100	D	1.26	T1	AGM, MF, VR
170043	PS675	12	7.5	150	34	94	100	D	1.26	T1	AGM, MF, VR
170015	PS6100	12	10	151	50.5	94	100	D	1.7	T1	AGM, MF, VR
170024	PS6120W	12	12	151	50.5	94	100	D	1.9	T2	AGM, MF, VR
170044	PS6140	12	14	151	50.5	94	100	D	1.9	T1	AGM, MF, VR
12 VOLT											
170002	PS1212	12	1.2	97	43	52	58	F	0.57	T1	AGM, MF, VR
170005	PS1220	12	2	178	35	60	66	D	0.97	T1	AGM, MF, VR
170045	PS1223	12	2.3	178	35	60	66	D	0.97	T1	AGM, MF, VR
170007	PS1229	12	2.9	79	56	99	105	C	1.1	T1	AGM, MF, VR
170008	PS1232	12	3.2	134	67	59.5	65.5	F	1.35	T1	AGM, MF, VR
170046	PS1235	12	3.5	134	67	59.5	65.5	F	1.35	T1	AGM, MF, VR
170010	PS1240	12	4	90	70	101	107	D	1.6	T1	AGM, MF, VR
170047	PS1245	12	4.5	90	70	101	107	D	1.6	T1	AGM, MF, VR
170014	PS1270S	12	7.4	151	65	93.5	99.5	E	2.5	T1	AGM, MF, VR
170013	PS1270L	12	7.4	151	65	93.5	99.5	E	2.5	T2	AGM, MF, VR
170038	PS1285	12	8.5	151	65	93.5	99.5	E	2.6	T2	AGM, MF, VR
170048	PS1290S	12	9	151	65	93.5	99.5	E	2.6	T1	AGM, MF, VR
170049	PS1290L	12	9	151	65	93.5	99.5	E	2.6	T2	AGM, MF, VR
170001	PS12100	12	10	151	65	111	117	E	3.07	T2	AGM, MF, VR
170003	PS12120L	12	12	151	98	95	101	E	3.87	T2	AGM, MF, VR
170004	PS12180	12	18	181.5	77	167.5	167.5	C	5.7	T3	AGM, MF, VR
170006	PS12240	12	24	167	175	125	125	C	7.8	T3	AGM, MF, VR
170029	PS12260H	12	26	164	125	174	181	C	8.45	T10	AGM, MF, VR
170009	PS12330	12	33	195	130	164	178	D	11.2	T5	AGM, MF, VR
170011	PS12400	12	40	197	165	170	170	C	12.7	T10-1	AGM, MF, VR
170012	PS12650	12	65*	348	167	178	178	D	19.2	M6	AGM, MF, VR
170039	PS12200	12	210	522	240	219	224	F	58	M8	AGM, MF, VR

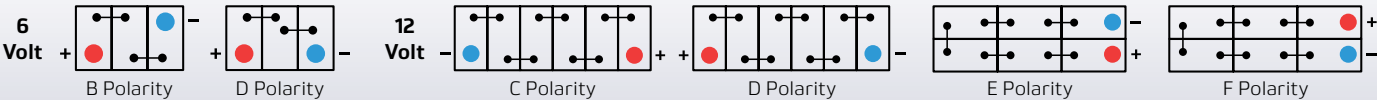
*10 HR rate †Conditions apply. Refer to individual warranty statements attached to each battery.

AGM Absorbed Glass Mat

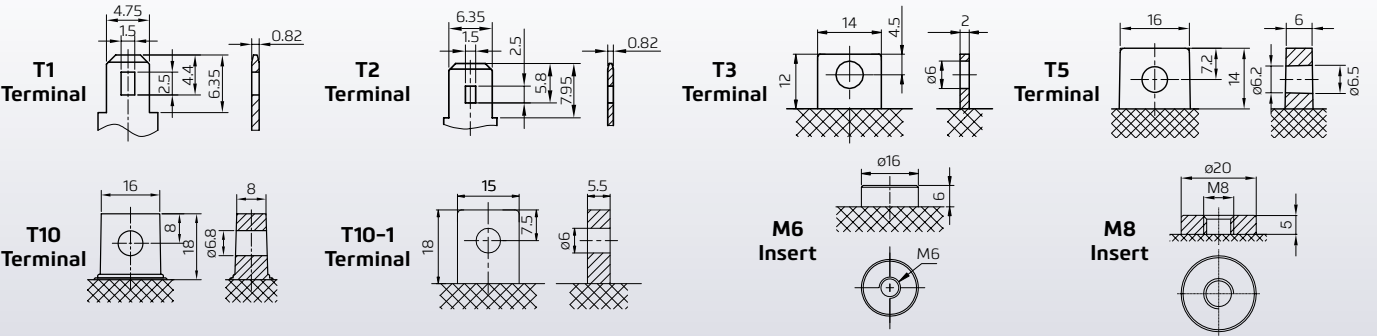
MF Maintenance Free

VR Vibration Resistant

Cell Assembly Layout



Terminal Types



Nationwide Warranty

Each Century battery is supplied with a warranty against defects for the period and application, as detailed on the battery. Call 1300 361 161 for your nearest warranty claim location.

THIS WARRANTY DOES NOT COVER:

- ✗ A flat battery
- ✗ Normal wear and tear
- ✗ Physical damage
- ✗ Undercharging (sulphation)
- ✗ Incorrect application
- ✗ Negligence (before or during use)
- ✗ Overcharging
- ✗ Modifications to the battery



Battery Charging

Recharge the battery using a suitable charger with a current equal to 10-20% of the batteries Ah rating, ensuring AGM battery type is selected on the charger. The battery can be recharged by constant voltage, limited current charging.

12V BATTERY

Constant voltage 14.4V~15V for cyclic charging; 13.5V~13.8V for float charging.

6V BATTERY

Constant voltage 7.2V ~7.5V for cyclic charging; 6.75V~6.9V for float charging.

Battery Care & Maintenance

Regular testing and inspection will help to maximise the life of the battery. A routine inspection of at least once a month is recommended to maintain optimum performance.

USE THE FOLLOWING STEPS AS A GUIDE:

- 1 Make sure the battery is always fully charged.
- 2 Ensure the battery top is clean, dry, and free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.
- 3 Inspect battery terminals, screws, clamps and cables for breakage, damage, or loose connections. They should be tight, clean and free of corrosion.
- 4 Clean terminals, clamps, and connectors as necessary using a grease cutting solution.
- 5 Inspect case for obvious signs of physical damage or warpage. This usually indicates the battery has overheated or been overcharged.
- 6 For batteries used in seasonal applications and stored long term, fully recharge the battery prior to storing.

Battery Recycling

98% of a lead-acid battery can be reclaimed through recycling. Make a positive change and recycle your battery responsibly.

Scan here to learn more and find your nearest recycling centre or visit recyclemybattery.com.au



For more information on Century's range of products and services contact your nearest Century sales office on 1300 362 287 or visit centurybatteries.com.au

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