



CENTURY PS SERIES

PS12150 & PS12200

Century PS are a range of superior quality, high performance multi-purpose batteries designed to provide dependable primary and back up power in a diverse range of applications.

Manufactured using premium quality raw materials and specialist hardwearing internal components they are designed to deliver dependable power to operate critical systems in the event of mains failure.

Why choose this battery:

- ✓ Advanced AGM Technology
- ✓ Valve Regulated Maintenance Free Design
- ✓ Low Self Discharge
- ✓ Superior Vibration Resistance
- ✓ Ideal for Standby & Back Up Power Applications, Communication equipment, Mining Safety systems



Advanced AGM Technology

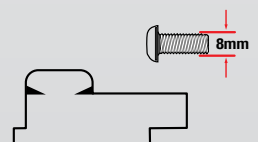
Century PS Batteries incorporate Absorbed Glass Mat (AGM) technology which suspends the liquid electrolyte within highly porous glass fibre mat separators. These act as a sponge like material absorbing the loose electrolyte, eliminating accidental leaks or spills.

Valve Regulated Maintenance Free Design

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

| 12 VOLT | | | | | | | | | |
|---------|---------------|-------|------------|--------|--------|--------|--------------|-------------|-----------|
| ITEM NO | BATTERY MODEL | VOLTS | Ah @ 20 HR | L (mm) | W (mm) | H (mm) | TOTAL H (mm) | WEIGHT (kg) | TERMINALS |
| 170040 | PS12150 | 12 | 158 | 485 | 170 | 240 | 240 | 43.7 | M8 |
| 170039 | PS12200 | 12 | 210 | 522 | 240 | 220 | 225 | 59 | M8 |

M8 INSERT



PS12150



PS12200



| | |
|---|--|
| Cells | 6 |
| Voltage | 12 |
| Capacity | 158Ah@20hour-rate to 1.75V per cell @25°C |
| Weight | Approx. 43.7 Kg (Tolerance±1.5%) |
| Internal Resistance | Approx. 4.4 m |
| Terminal | M8 |
| Max. Discharge Current | 1500A (5 sec) |
| Short Circuit Current | 2600A |
| Recommended Max Charging Current | 45 A |
| Float Voltage | 13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell |
| Bulk Voltage | 14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C/Cell |
| Operating Temperature Range | Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C |
| Normal Operating Temperature Range | 25°C±5°C |
| Self Discharge | The Century PS12150 battery can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly self-discharge ratio is less than 3% at 25°C. Please charge batteries before using. |
| Container Material | ABS |

| | |
|---|--|
| Cells | 6 |
| Voltage | 12 |
| Capacity | 210Ah@20hour-rate to 1.75V per cell @25°C |
| Weight | Approx. 59.0 Kg (Tolerance±1.5%) |
| Internal Resistance | Approx. 4.4 m |
| Terminal | M8 |
| Max. Discharge Current | 2000A (5 sec) |
| Short Circuit Current | 3400A |
| Recommended Max Charging Current | 60 A |
| Float Voltage | 13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell |
| Bulk Voltage | 14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C/Cell |
| Operating Temperature Range | Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C |
| Normal Operating Temperature Range | 25°C±5°C |
| Self Discharge | The Century PS12200 battery can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly self-discharge ratio is less than 3% at 25°C. Please charge batteries before using. |
| Container Material | ABS |

CARE & MAINTENANCE

- Ensure the battery top is clean, dry, free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.
- Inspect the terminals, screws, clamps and cables for breakage, damage or loose connections. These should be clean, tight and free of corrosion.
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged.
- Century PS batteries incorporate AGM technology and should be charged using a charger rated to 20% of the batteries Ah rating.

Century's 12V 12AMP 9 stage charger is ideal for maintaining and charging the PS12150 and PS12200 batteries.



Battery Disposal

This battery is 98% recyclable. Help create a cleaner planet, return your used battery to the original place of purchase or your nearest CenturyYuasa approved Battery Recycling Centre.

For more information on Century's range of products and services, visit centurybatteries.com.au