

DIN Standard Cell Range

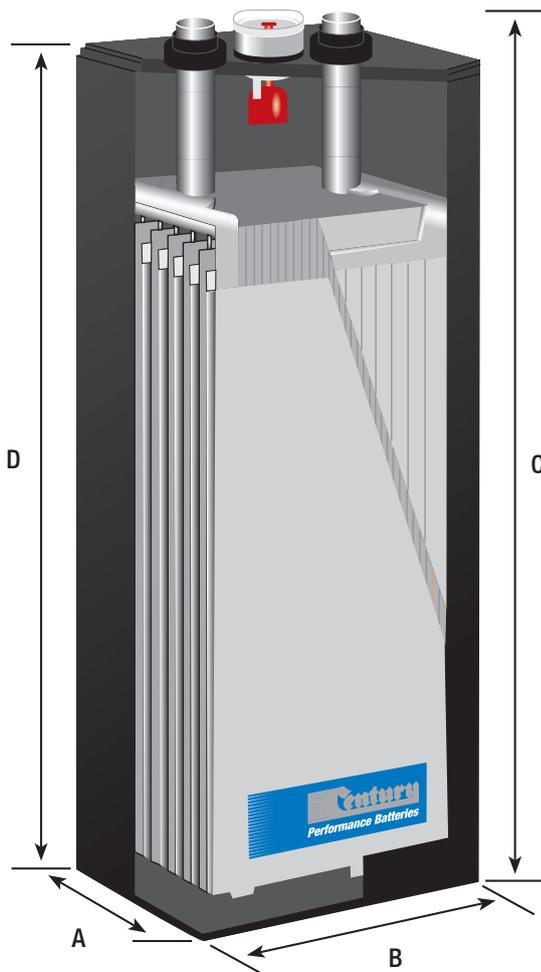
Flooded Range

Century branded motive industrial batteries has set a benchmark for reliable power for reliability in electric materials handling equipment in Australia. Their reliable performance is a testament to CenturyYuasa's years of dedicated research, design and testing combined with its local ISO accredited quality assurance programs.

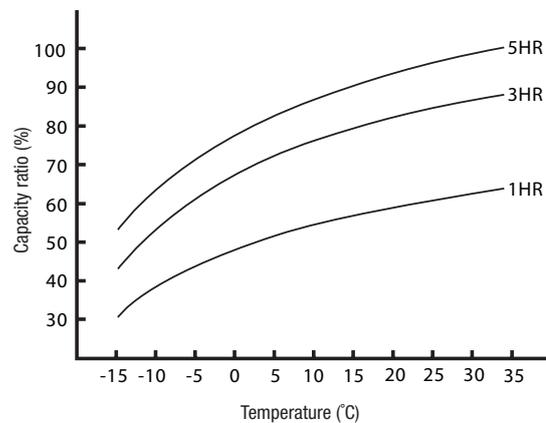
The range of Century motive industrial batteries include both British Standard and DIN Standard products. Within the DIN product range CenturyYuasa offers both Flooded Cell (VLA) and Sealed (VRLA) battery technologies to provide optimal reliability in a wide range of applications and environments.

While the batteries are designed to standard DIN and BS standards the difference is in the quality of manufacturing. CenturyYuasa combined with its affiliates of GS Yuasa, ensure Century branded products is manufactured to meet the harsh and varied conditions found in Australia.

- Century motive industrial batteries incorporate tubular positive plate technology to enhance their service reliability. These tubular plates are formed by injecting active materials into sealed tubes, which provides extra protection against shedding.
- Tight manufacturing tolerances and unique alloy composition enable Century motive industrial cells to have the ability to operate in higher temperature environments up to a maximum of 55°C¹.
- Zigzag polyethylene enveloping separator system that provides good electrolyte circulation and reduced movement material handling application, as well as granting excellent short circuit protection.
- All Century motive industrial battery cells can be recycled. CenturyYuasa operate a recycling program to allow safe and environmentally disposal of lead acid batteries.



| FULLY CHARGED SG IS 1.305 @ 25°C (+/- 0.010) | | |
|----------------------------------------------|------------------|----------------------|
| Discharge Rate (Hours) | De Rating Factor | End Voltage Per Cell |
| 0.5 | 0.50 | 1.45 |
| 1 | 0.63 | 1.55 |
| 2 | 0.78 | 1.65 |
| 3 | 0.88 | 1.65 |
| 4 | 0.95 | 1.70 |
| 5 | 1.00 | 1.70 |
| 6 | 1.03 | 1.70 |



¹ Prolonged ambient temperature >35°C for lead acid technologies in material handling applications is a significant factor in reducing the service life of lead acid battery products.

DIN Standard Cell Range

Flooded Range

| SPECIFICATIONS FOR INDIVIDUAL CELL MODELS | | | | | | | |
|-------------------------------------------|----------|------------------|------------------|------------------|--------------------------------------------------|------------------|---------------------------------------|
| Century Part Number | Cell | L (A) +/- 2mm | W (B) +/- 2mm | H (D) +/- 3mm | Overall H (C) Using GS Yuasa float cap +/-3mm | Cell Weight (kg) | 5hr Capacity (Ah) @ 30 degree Celsius |
| 511100 | 2GQD250E | 47 | 198 | 575 | 605 | 14.5 | 250 |
| 511101 | 3GQD375E | 65 | 198 | 575 | 605 | 20.5 | 375 |
| 511102 | 4GQD500E | 83 | 198 | 575 | 605 | 27 | 500 |
| 511103 | 5GQD625E | 101 | 198 | 575 | 605 | 34 | 625 |
| 512100 | 3GQD465F | 65 | 198 | 720 | 750 | 26.5 | 465 |
| 512101 | 4GQD620F | 83 | 198 | 720 | 750 | 34 | 620 |
| 512102 | 5GQD775F | 101 | 198 | 720 | 750 | 42 | 775 |

| SPECIFICATIONS FOR ALL CELL MODELS | |
|------------------------------------|--------------------------------|
| Standard | DIN |
| Positive Plate | Tubular plate with glass tubes |
| Electrolyte | Diluted sulphuric acid |
| Self Discharge Rate | Up to 15% per month |
| Colour of Lid | Black |
| Colour of Jar | natural |
| Terminal type | Welded |
| Brand on lid | None |
| Separator | Zig zag PE |

An affiliated business of the GS Yuasa Corporation, CenturyYuasa has over 80-years of supplying a range of stored energy solutions to the Australian market. An established network of sales and distribution offices throughout Australia and New Zealand has seen the business gain the trust and respect from its customers by focusing on quality products and exceptional customer service. The portfolio within CenturyYuasa includes a wide range of stored energy products and services, as well as identifiable brands and unique technologies for automotive, materials handling and standby power applications. Directly maintaining and operating two manufacturing centers in Australia and employing some 500 people, CenturyYuasa continues to be a leading Australian manufacturer of stored energy products.

Product Specification Disclaimer

All reasonable care has been taken to ensure that the data presented in this document is accurate for the purpose for which it is presented. CenturyYuasa reserves the right to make changes to its products and information contained in this document without notice, and shall not be held liable for any loss or damage claimed to have arisen as a result of the use of this brochure.