

# DIN Standard Cell Range

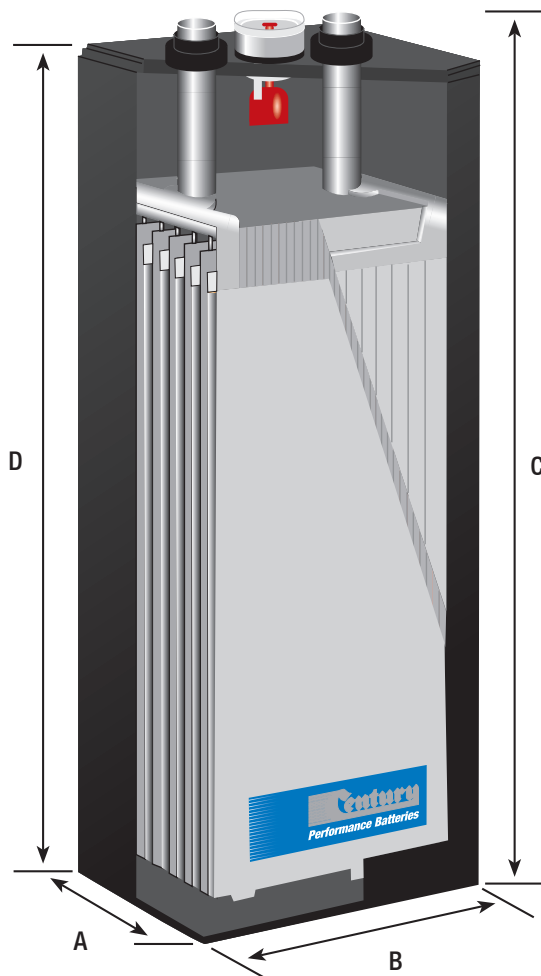
## Flooded Range

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.

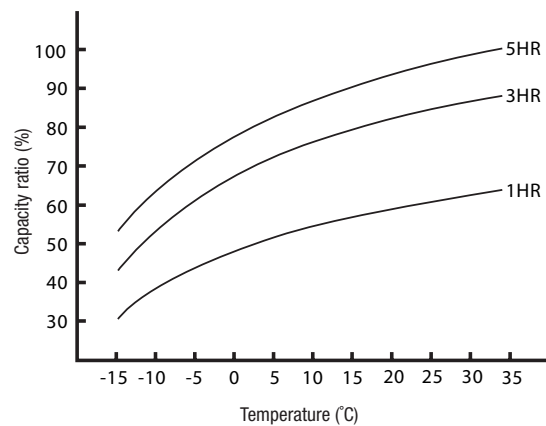
The range of Century motive industrial batteries include both British Standard and DIN Standard products. Within the DIN product range CenturyYuasa offers both Flooded Cell (VLA) and Sealed (VRLA) battery technologies to provide optimal reliability in a wide range of applications and environments.

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°C<sup>1</sup>.
- 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



<sup>1</sup> 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.



**PRODUCT AND SALES ENQUIRIES:**

**0800 93 93 93**  
**www.cyb.co.nz**

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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

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