

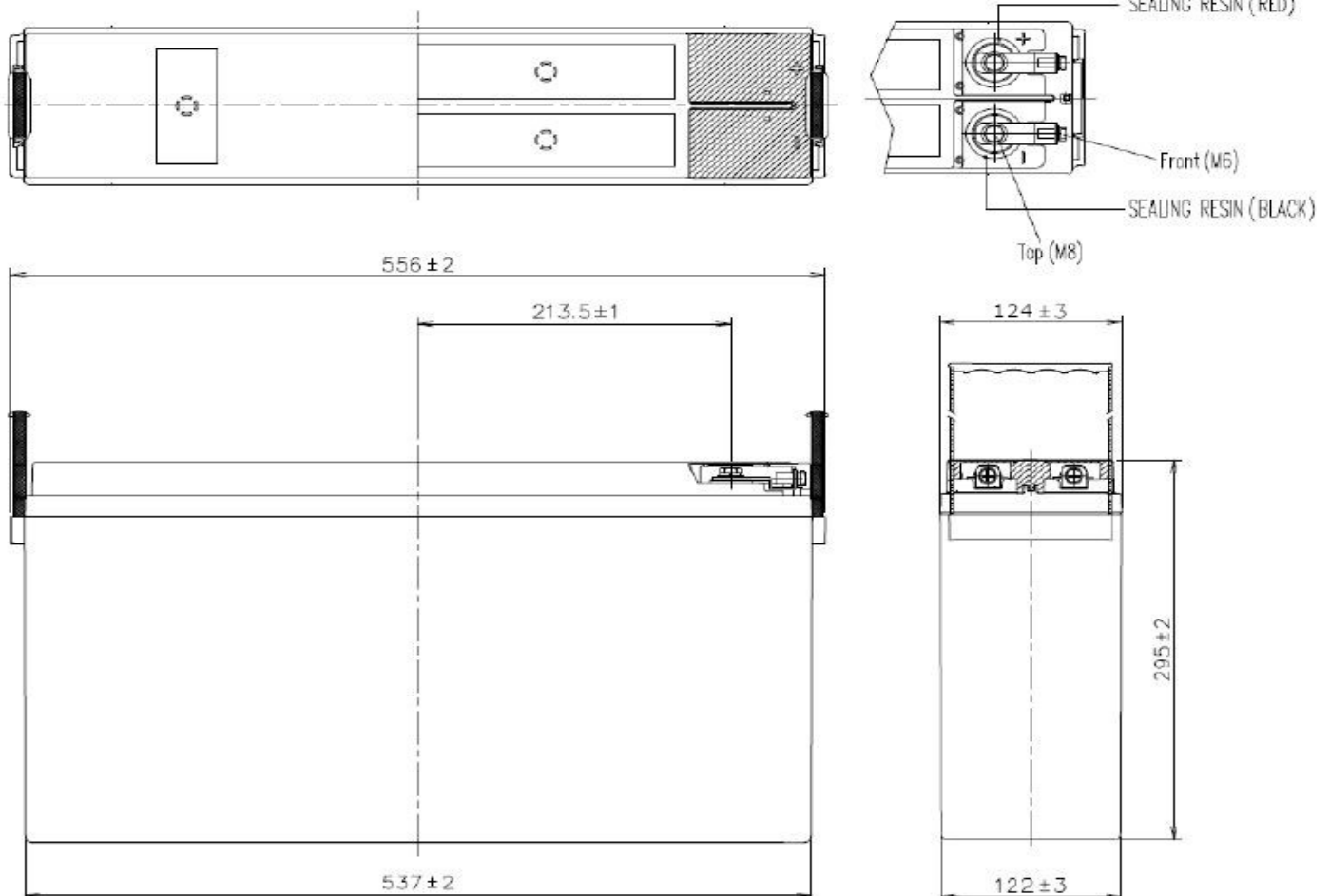
Yuasa FXH Series VRLA Battery, 10 Years Design Life

The Yuasa FXH series is designed to provide the highest possible energy density, while offering a 10-year design life product. Incorporating valve regulated technology, Yuasa's FXH is ideally suited for communication racks, with the front terminal connection providing quick and safe installation and maintenance.

- Front terminal construction
- Long service life: 10 years, @ 25°C
- Flame retardant battery lid and container (UL94 V-0)

* Contact Century Yuasa for information specific to your application

General Performance			Plates	
Battery	FXH155-12S		Positive Plates:	
Application	Floating		Number/cell	7
Design Life	10 Years		Type	Flat Pasted
Nominal Capacity	155Ah @ 10Hr (to 1.80Vpc)		Material of grid	Lead-Calcium-Tin Alloy
Actual Capacity at 25°C	Ah @ C1 to 1.80Vpc	104Ah	Thickness	3.0 mm
	Ah @ C3 to 1.80Vpc	126.9Ah	Negative Plates:	
	Ah @ C10 to 1.80Vpc	155Ah	Number/cell	8
	Wh @ C1 to 1.80Vpc	1223Wh	Type	Flat Pasted
	Wh @ C3 to 1.80Vpc	1521Wh	Material of grid	Lead-Calcium-Tin Alloy
	Wh @ C10 to 1.80Vpc	1850Wh	Thickness	1.78 mm





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Physical Properties

Separators	
Type	Glass Mat
Is glass fibre included?	Yes
Thickness	0.9 mm
Container & Cover Materials	
Lid Material, Colour	Acrylonitrile Butadiene Styrene ABS/Grey
Container Material, Colour	Acrylonitrile Butadiene Styrene ABS/Grey
Flame Retardant	Yes - UL94V0
Safety Vent Operational Pressure	20kPa
Mounting Orientation	Vertical
Dimensions	
Width	124 mm ± 3
Depth	556 mm ± 2
Height	295 mm ± 2
Overall Height	295 mm ± 2
Battery Weight (kg)	
Total Weight (wet)	51 kg
Terminal	
Terminal Type	M6 Bolt
Terminal Torque	4.9 Nm

Electrolyte

Full charge density at 25°C	1.335
Density Range	1.330 - 1.340
Gelled/Absorbed	Absorbed

Electrical Properties

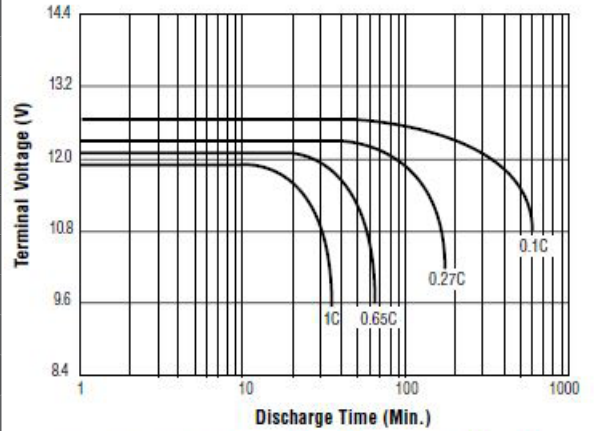
Self Discharge Rate @ 25°C	<3% per month		
Normal Charge (Amperes)	15.5A		
Internal Resistance (mOHMS)	2.7 m Ω		
Volts End of Charge	2.275 Vpc		
Max. sustained current without damage (discharging)	930A (5 sec)		
	20°C	25°C	30°C
Float Voltage (Vpc)	2.290 Vpc	2.275 Vpc	2.260 Vpc
Float Current (mA)	<155mA	<155mA	<155mA
Initial Short circuit current (A)	3640A		
Efficiency at 10 hour rate (%)			
Ampere-Hour	>90%		
Watt-Hour	>78%		

Compliant Standard

Manufacturing Standard	JIS C8704-2: 1999
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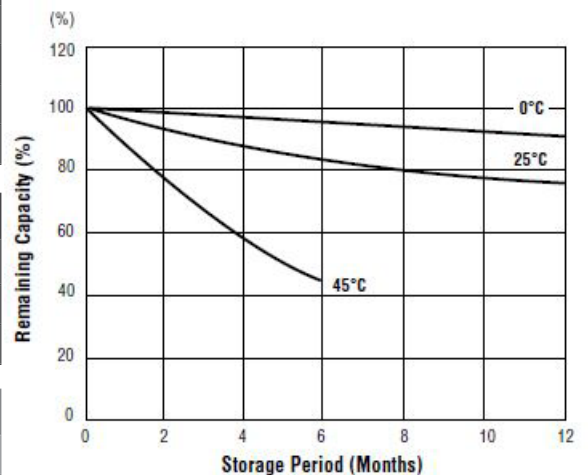
Discharge Characteristics

Discharge Characteristic Curves at 25°C

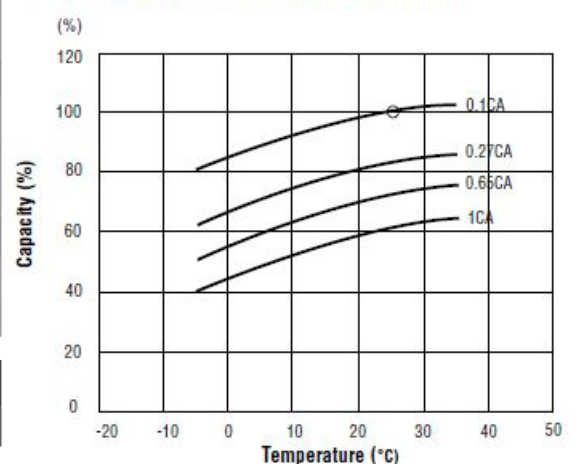


Please consult with us in case of use at discharge current of 1C or larger

Self Discharge Characteristics



Temperature and Discharge Capacity



An affiliated business of the GS Yuasa Corporation, Century Yuasa has a 90-year history of supplying a range of stored energy solutions to the Australian market. An established network of sales and distributions 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. Century Yuasa is Australia's enduring manufacturer of stored energy products.