

Product Specification UXH100-12N

Yuasa UXH Series VRLA Battery, 10 Years Design Life

Yuasa UXH batteries are constructed to yield even greater capacity than comparable batteries. The UXH uses AGM technology which ensures that there is no 'free acid' in the battery. This allows the battery to be mounted either vertically or horizontally. An additional feature of this product is Yuasa's heavy duty lead calcium-tin alloy, providing the UXH battery the ability to remain in float service for 10 years.

- 10 Year Design Life
- High Energy Density
- Gas Pressure Venting System
- No Equalising Charge Required

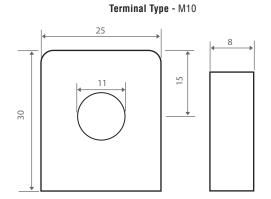
General Performance		
Battery	UXH100-12N	
Application	Floating/Standby	
Design Life	10 Years	
Nominal Capacity	100Ah	
Actual Capacity at 25°C	1 hour rate to 1.70 Vpc	58Ah
	3 hour rate to 1.80 Vpc	75Ah
	10 hour rate to 1.80 Vpc	93Ah
	20 hour rate to 1.80 Vpc	100Ah

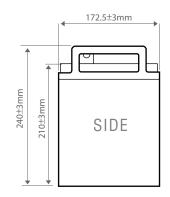


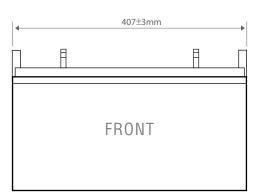
Electrolyte	
Fully charge density at 25°C	1.300
Density Range	1.290-1.310
Gelled/Absorbed	Absorbed
Mounting Orientation	Vertical/Horizontal

Plates	
Positive Plates:	
Number/cell	7
Туре	Flat Pasted
Material of grid	Lead-Calcium-Tin Alloy
Thickness	3.8mm
Negative Plates:	
Number/cell	8
Туре	Flat Pasted
Material of grid	Lead-Calcium-Tin Alloy
Thickness	2.1mm









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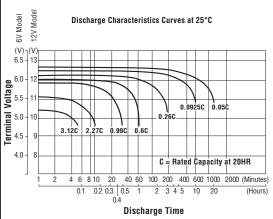
Physical Properties	
Separators	
Туре	Glass Mat
Is glass fibre included?	Yes
Thickness	1.5mm
Lid & Container Materials	
Lid Material, Colour	Acrylonitrile Butadiene Styrene ABS/Blue
Container Material, Colour	Acrylonitrile Butadiene Styrene ABS/Grey
Flame Retardant	No
Safety Vent Operational Pressure	20kPA
Flame Arrestor Filter Fitted	No
Dimensions:	
Overall Width	407mm ± 3
Depth	172.5mm ± 3
Height	210mm ± 3
Overall Height	240mm ± 3
Battery Weight (kg) Total (wet)	40kg

Electrical Properties			
Self Discharge Rate @ 25°C	<3% per mont	h	
Internal Resistance (mOHMS)	3.5mΩ		
Normal Charge (Amperes)	10A		
Max. Charge (Amperes)	20A		
Max. Sustained Current without damage (discharging)	370A (1min)		
Volts End of Charge	2.275 Vpc		
	20°C	25°C	30°C
Float Voltage (Vpc) pure floating applications	2.290 Vpc	2.275 Vpc	2.260 Vpc
Float Current (mA)	~100mA	~100mA	~100mA
Initial Short circuit current (A)	~3700A		
Efficiency at 10 hour rate (%):			
Ampere-Hour	>90%		
Watt-Hour	>78%		

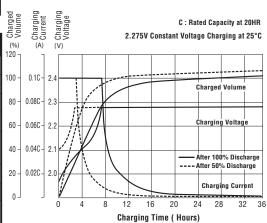
Torque Setting	
Terminal Torque Setting	14.7 - 19.6 N.m.

Compliant Standard	
Battery Standard	JIS C8704-2: 1999

■ Discharge Characteristics



■ Charging Characteristics





An affiliated business of the GS Yuasa Corporation, Century Yuasa has an 80-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. CenturyYuasa is Australia's enduring manufacturer of stored energy products.