

Product Specification UXH90-12I

Yuasa UXH Series VRLA Battery

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.

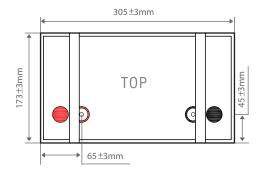
- High Energy Density
- · Gas Pressure Venting System
- · No Equalising Charge Required
- Wide operating temperature range (-15°C to +45°C)

General Performance			
Battery	UXH90-12I		
Application	Floating		
Nominal Capacity	90Ah		
Actual Capacity at 25°C	1 hour rate to 1.70 Vpc	61.6Ah	
	3 hour rate to 1.70 Vpc	73.8Ah	
	10 hour rate to 1.80 Vpc	84.5Ah	

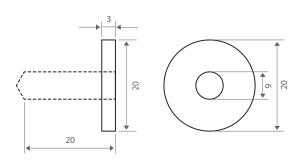
1.320
1.300-1.330
Absorbed
Vertical/Horizontal

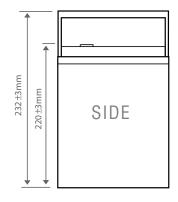


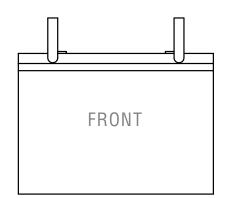
Plates	
Positive Plates:	
Туре	Flat Pasted
Material of grid	Lead-Calcium-Tin Alloy
Negative Plates:	
Туре	Flat Pasted
Material of grid	Lead-Calcium-Tin Alloy



Terminal Type - M6







Century Yuasa believes that the data presented is generally accurate for the purpose for which it is presented, however expressly disclaims any representation of warranty expressed or implied, concerning the data or recommendations and in no event shall be liable for any loss or damage claimed to have arisen as a result of the use of this brochure.

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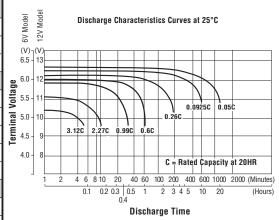
Physical Properties	
Separators	
Туре	Glass Mat
Is glass fibre included?	Yes
Thickness	1.6mm
Lid & Container Materials	
Lid Material, Colour	Acrylonitrile Butadiene Styrene ABS/Grey
Container Material, Colour	Acrylonitrile Butadiene Styrene ABS/Grey
Flame Retardant	Yes - UL94-VO
Safety Vent Operational Pressure	20kPA Integral Flame Arrester
Flame Arrestor Filter Fitted	Yes
Dimensions:	
Overall Width	305mm± 3
Depth	173mm± 3
Height	220mm±3
Overall Height	223mm±3
Battery Weight (kg) Total (wet)	31.2kg

Electrical Properties			
Self Discharge Rate @ 25°C	<3% per month		
Internal Resistance (mOHMS)	4.5mΩ		
Normal Charge (Amperes)	9A		
Max. Charge (Amperes)	22.5A		
Max. Sustained Current without damage (discharging)	<540A (5sec)		
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)	<90mA	<90mA	<90mA
Float Current (mA) Initial Short circuit current (A)	<90mA 3300A	<90mA	<90mA
, ,	<u> </u>	<90mA	<90mA
Initial Short circuit current (A)	<u> </u>	<90mA	<90mA

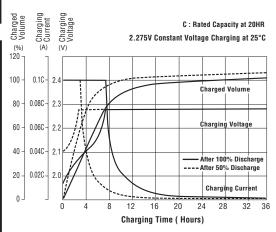
Torque Setting	
Terminal Torque Setting	3.9-5.4 N.m.

Compliant Standard	
Battery Standard	JIS C8704-2

■ 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.