

Product Specification UXH125-6FR



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.

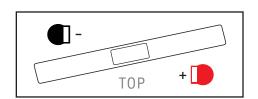
- 10 Year Design Life
- High Energy Density
- Gas Pressure Venting System
- No Equalising Charge Required

General Performance			
Battery	UXH125-6FR		
Application	Floating		
Design Life	10 Years		
Nominal Capacity	125Ah		
Actual Capacity at 25°C	1 hour rate to 1.70 Vpc	72.5Ah	
	3 hour rate to 1.70 Vpc	97.5Ah	
	10 hour rate to 1.80 Vpc	116Ah	

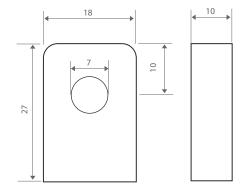


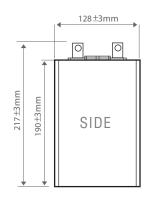
Electrolyte	
Fully charge density at 20°C	1.300
Density Range	1.290-1.310
Gelled/Absorbed	Absorbed
Mounting Orientation	Vertical/Horizontal

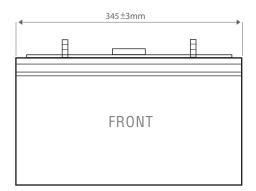
Plates	
Positive Plates:	
Number/cell	10
Туре	Flat Pasted
Material of grid	Lead-Calcium-Tin Alloy
Thickness	4.0mm
Negative Plates:	
Number/cell	11
Туре	Flat Pasted
Material of grid	Lead-Calcium-Tin Alloy
Thickness	2.3mm



Terminal Type - M6







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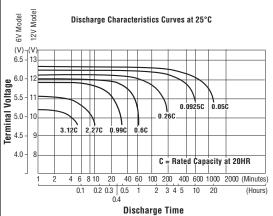
Physical Properties	
Separators	
Туре	Glass Mat
Is glass fibre included?	Yes
Thickness	1.5mm
Lid & Container Materials	
Lid Material, Colour	Acrylonitrile Butadiene Styrene ABS/Dark Grey
Container Material, Colour	Acrylonitrile Butadiene Styrene ABS/Dark Grey
Flame Retardant	Yes - UL94 - FV-0
Safety Vent Operational Pressure	20kPA
Flame Arrestor Filter Fitted	Yes
Dimensions:	
Overall Width	345mm ± 3
Depth	128mm ± 3
Height	190mm ± 3
Overall Height	217mm ± 3
Battery Weight (kg) Total (wet)	24kg

Electrical Properties			
Self Discharge Rate @ 25°C	<3% per mont	th	
Internal Resistance (mOHMS)	1.5mΩ		
Normal Charge (Amperes)	12.5A		
Max. Charge (Amperes)	25A		
Max. Sustained Current without damage (discharging 5 sec)	580A		
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)	~125mA	~125mA	~125mA
Initial Short circuit current (A)	~4550A		
Efficiency at 10 hour rate (%):			
Ampere-Hour	>90%		
Watt-Hour	>78%		

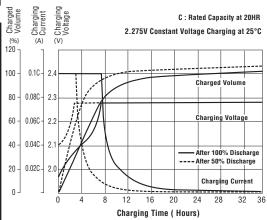
Torque Setting	
Terminal Torque Setting	3.9 - 5.4 N.m.

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.