

YUASA - UXH & FXH SERIES



 **YUASA**
Performance, every time

Yuasa UXH Range — Valve Regulated Lead Acid Batteries

The Yuasa UXH Series is engineered for standby power applications requiring long service life, high reliability, and predictable float performance. Using AGM VRLA technology, UXH batteries contain no free electrolyte, enabling safe operation in both vertical and horizontal orientations while delivering stable electrical performance over extended service periods.

Designed for high-rate standby duty, the UXH Series incorporates robust internal construction and a heavy-duty lead calcium-tin alloy grid to support a 10-year design life under controlled operating conditions. These characteristics make UXH well suited to critical infrastructure where maintenance access may be limited and reliability is paramount.

High-Level Feature Set

- AGM VRLA construction with no free electrolyte
- Suitable for vertical or horizontal installation
- Heavy-duty lead calcium-tin alloy grid design
- Maintenance-free operation under normal float conditions
- Stable electrical performance in high-rate standby applications
- Designed for long-duration float service



General Specifications

Battery	Voltage (V)	Capacity @1.8Vpc 10hr	Design Life	Warranty Guarantee	Warranty Pro Rata	Flame Retardant Case (Yes/No)
UXH38-12	12V	35 Ah	10 years	4 Years	+6 years	No
UXH50-12	12V	46 Ah	10 years	4 Years	+6 years	No
UXH63-12FR	12V	58 Ah	10 years	4 Years	+6 years	Yes
UXH90-12i	12V	84.5 Ah	10 years	4 Years	+6 years	Yes
UXH75-6	6V	69 Ah	10 years	4 Years	+6 years	No
UXH125-6FR	6V	116 Ah	10 years	4 Years	+6 years	Yes
UXH100-6	6V	93 Ah	10 years	4 Years	+6 years	No

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 ten years. The design characteristics of the battery allow it to safely operate in high rate standby power applications.



Scan to access full UXH datasheets, performance curves, installation guidance, safety precaution and warranty documentation.

Yuasa FXH Range — Front Terminal VRLA Batteries

The Yuasa FXH Series is designed for applications where high energy density, efficient rack utilisation, and rapid maintenance access are critical. Featuring front terminal construction and AGM VRLA technology, FXH batteries are ideally suited for telecommunications, utility, and infrastructure rack systems.

With a 10-year design life and compact footprint, the FXH Series delivers reliable long-term float performance while simplifying installation and ongoing servicing. The front-access terminal layout supports faster connection, inspection, and replacement in high-density installations.



High-Level Feature Set

- Front terminal construction for fast, safe maintenance
- High energy density in a compact footprint
- AGM VRLA technology with no free electrolyte
- UL94 V-0 flame retardant lid and container
- Optimised for rack-mounted telecom and utility systems
- Long service life under controlled float conditions



General Specifications

Battery	Voltage (V)	Capacity @1.8Vpc 10hr	Design Life	Warranty Guarantee	Warranty Pro Rata	Flame Retardant Case (Yes/No)
FXH100-12S	12V	100Ah	10 Years	3 Years	+7 years	Yes
FXH155-12S	12V	155Ah	10 Years	3 Years	+7 years	Yes
FXH190-12S	12V	190Ah	10 Years	3 Years	+7 years	Yes

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. Features: front terminal construction, long service life: 10 years, @25C and flame retardant battery lid and container (UL94 V-0)

Shared VRLA Design Benefits

- Sealed, maintenance-free VRLA construction
- Efficient oxygen recombination for safe operation
- Reliable long-duration float performance
- Proven Yuasa materials, manufacturing, and quality control



Scan to access full FXH datasheets, performance curves, installation guidance, safety precaution and warranty documentation.

Yuasa UXH Range Features:

- **Application:** Floating (Standby)
- **Mounting Orientation (Vertical / Horizontal / Both):** Vertical and Horizontal
- **Terminal Type:** Top and Side

Yuasa FXH Range Features:

- **Application:** Floating (Standby)
- **Mounting Orientation (Vertical / Horizontal / Both):** Vertical Only
- **Terminal Type:** Front and Top

Yuasa UXH Range — Valve Regulated Lead Acid Batteries

Battery	Dimensions					VPC (Amps @ 25°C) (1hr / 3hr / 10hr / 20hr)												Watts per Cel @ 25°C (1hr / 3hr / 10hr / 20hr)									
	Width (mm)	Depth (mm)	Height (mm)	Overall Height (mm)	Weight (kg)	1.7				1.8				1.85				1.7		1.8				1.85			
						1	3	10	20	1	3	10	20	1	3	10	20	1	3	1	3	10	20	1	3	10	20
UXH38-12	235	128	190	217	17	22	9.9	21.3	9.5	3.5	1.9	20	8.8	3.3	1.9	42.6	19.4	41.4	18.6	6.8	2.0	38.8	17.3	6.4	3.8		
UXH50-12	299	128	190	217	25	29	13	28	12.5	4.6	2.5	26.3	11.6	4.3	2.5	56	25.5	54.5	24.5	9.0	3.8	51.1	22.8	8.4	5.0		
UXH63-12FR	363	128	190	217	25	36.5	16.4	35.3	15.8	5.8	3.2	33.2	14.7	5.5	3.1	70.6	32.1	68.7	30.9	11.3	6.3	64.3	28.7	10.6	6.3		
UXH90-12i	305	173	220	223	31.2	61.6	24.6	60.3	24.2	8.45	4.46	-	-	-	-	125	50	122.3	49.2	16.9	9.1	-	-	-	-		
UXH75-6	217	128	190	217	16	43.5	19.5	42	18.8	6.9	3.8	39.5	17.4	6.5	3.7	84	38.3	81.8	36.8	13.5	7.5	76.6	34.2	12.7	6.7		
UXH100-6	281	128	190	217	20	58	26	56	25	9.3	5.0	52.6	23.3	8.7	5.0	112	51	109	49	18	10	102	45.5	16.9	8.9		
UXH125-6FR	345	128	190	217	24	72	32.5	70	31.3	11.6	6.3	65.8	29.1	10.9	6.2	140	63.8	136	61.3	22.5	12.5	128	56.9	21.1	11.1		

Yuasa FXH Range — Front Terminal VRLA Batteries

Battery	Dimensions				VPC (Amps @ 25°C) (1hr / 3hr / 10hr / 20hr)												VPC (Watts @ 25°C) (1hr / 3hr / 10hr / 20hr)											
	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)	1.7				1.8				1.85				1.7				1.8				1.85			
					1	3	10	20	1	3	10	20	1	3	10	20	1	3	10	20	1	3	10	20	1	3	10	20
FXH 100	106	395	289.5	34	70.8	28.9	10.4	4.69	65.5	27.2	10.0	4.49	61.1	25.7	9.55	4.27	134	56	20.3	9.09	127	54.4	19.8	8.91	120	51.5	19.1	8.61
FXH 155	125	556	295	51	112	44.9	16.2	7.27	104	42.3	15.5	6.96	97	39.9	14.7	6.63	214	87	31.3	14.1	203	84.5	30.8	13.8	192	80.1	29.6	13.3
FXH 190	125	556	317	60.5	137	57.2	-	-	127	53.1	19	-	122	52.3	18.4	-	262.3	107.5	-	-	248	102.2	38.4	-	243.5	103.5	37.6	-

Head Office

49 Cobalt Street Carole Park QLD 4300
www.intelepwer.com.au

Enquiries within Australia

ph 1300 364 877
email powersystemssupport@cyb.com.au

Enquiries within New Zealand

ph 0800 236 8879
email powersystemssupport@cyb.co.nz

An affiliated business of the GS Yuasa Corporation, CenturyYuasa has around 100 years history of supplying a range of stored energy solutions to the Australian and New Zealand markets. 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 the automotive, materials handling and standby power applications. Directly maintaining and operating three manufacturing centres in Australia and employing some 650 people, Century Yuasa continues to be Australia's enduring manufacturer of stored energy products.



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