

# FGH FGHL

FIAMM

High-rate  
performance  
battery

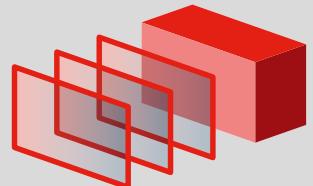
LONG  
DESIGN  
LIFE (FGHL only)



99%  
RECY  
CLABLE

Long life high-rate  
performance battery

AGM  
technology



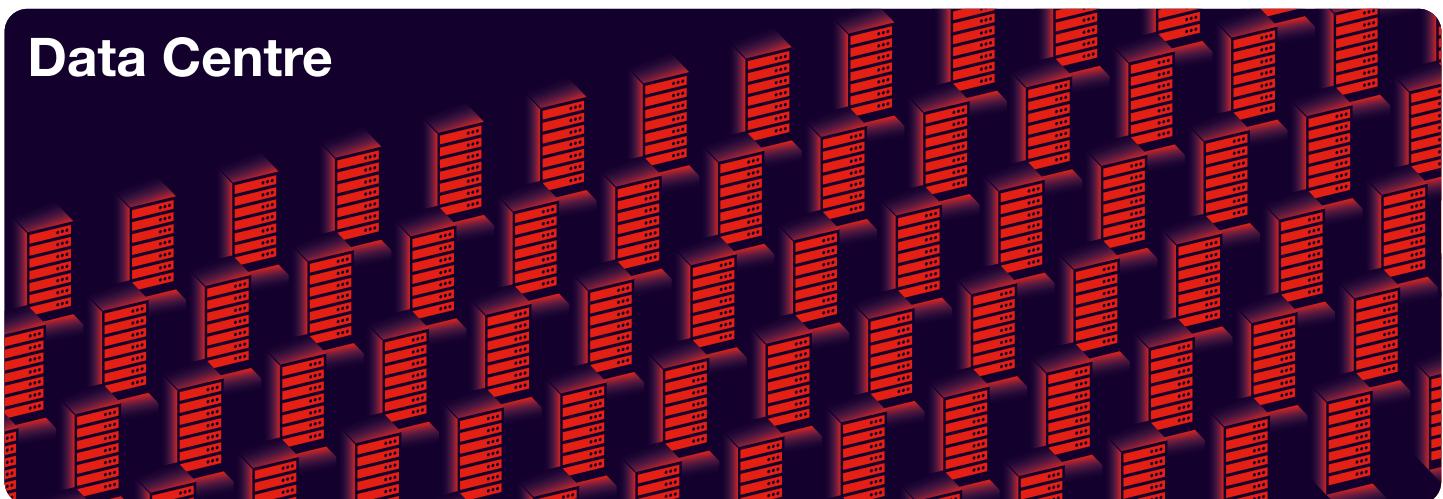
High-rate  
performance



Flame  
retardant  
casing  
(FGHL only)



Data Centre



## 5 years design life small industrial lead acid range with AGM technology.

FGH range is designed for maximum performance in critical power applications such as UPS and is available in 12V blocks with a capacity range from 5Ah to 18Ah. The FGH batteries are designed with unsurpassed proven reliability and are compliant with the highest recognised international standards. The FGH range is designed around AGM VRLA

technology with the exterior casing made in ABS plastic, fully recyclable and maintenance-free. FGH range is non-hazardous for air/sea/rail/road transportation. Batteries can be installed in upright and horizontal planes.

Battery type	Nominal voltage (V)	Nominal capacity (Ah) 10H 1.80VPC 25°C	Nominal capacity (Ah) 20H 1.75VPC 25°C	Nominal dimension (mm)				Typical weight (kg)	Terminal type
				Length	Width	Height	Terminal Height		
12FGH23 slim	12	4,7	5.0	151	51	95	100	1.9	Faston 4.8
12FGH23	12	4,7	5.0	90	70	101	107	1.8	Faston 6.3
12FGH36	12	7,6	9.0	151	65	95	100	2.7	Faston 6.3
12FGH50	12	11,2	12	151	98	95	100	3.8	Faston 6.3
12FGH65	12	17	18	181	76	167	165	5.6	Flag Ø5.5

### Standards

IEC 60896 Part 21 - VRLA methods of testing

IEC 60896 Part 22 - VRLA requirements

Eurobat "3-5 years standard commercial"

UL Recognized



## Long life, flame retardant small industrial lead acid range AGM technology with a fast on terminal design for easy installation.

FGHL is designed for maximum performance in critical power applications such as UPS and is classified as "long life" according to the Eurobat Guide; this means 10 years of design life. The range is available with a capacity range from 5Ah to 12Ah. Our FGHL can be used in a wide range of solutions in many applications and have unsurpassed reliability. They are compliant with the highest recognised international standards.

The exterior casing is made with a flame retardant ABS plastic to UL94 V0 (LOI greater than 28%) and it grants the safeties protection in high voltage UPS application. The FGHL range is designed around AGM VRLA technology, fully recyclable and maintenance-free. FGHL range is non-hazardous for air/sea/rail/road transportation.

Batteries can be installed in upright and horizontal planes.

Battery type	Nominal voltage (V)	Nominal capacity (Ah) 10H 1.80VPC 25°C	Nominal capacity (Ah) 20H 1.75VPC 25°C	Nominal dimension (mm)				Typical weight (kg)	Terminal type
				Length	Width	Height	Terminal Height		
12FGHL22	12	4,7	5.0	90	70	101	107	1.9	Faston 6.3
12FGHL28	12	6,7	7.2	151	65	95	100	2.6	Faston 6.3
12FGHL34	12	7,8	8.4	151	65	95	100	2.7	Faston 6.3
12FGHL48	12	11,2	12	151	98	95	100	4.0	Faston 6.3
12FGHL70	12	15,5	17	181	76	167	157	5,6	Female M5

### Standards

IEC 60896 Part 21 - VRLA methods of testing

IEC 60896 Part 22 - VRLA requirements

Eurobat "10-12 years long life"

UL Recognized

BS6334 / UL 94 V0 materials flammability