# FGH FGHL

FIAMM

High-rate performance battery

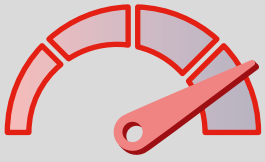
99% RECYCLABLE

LONG DESIGN LIFE (FGHL only)

Long life high-rate performance battery

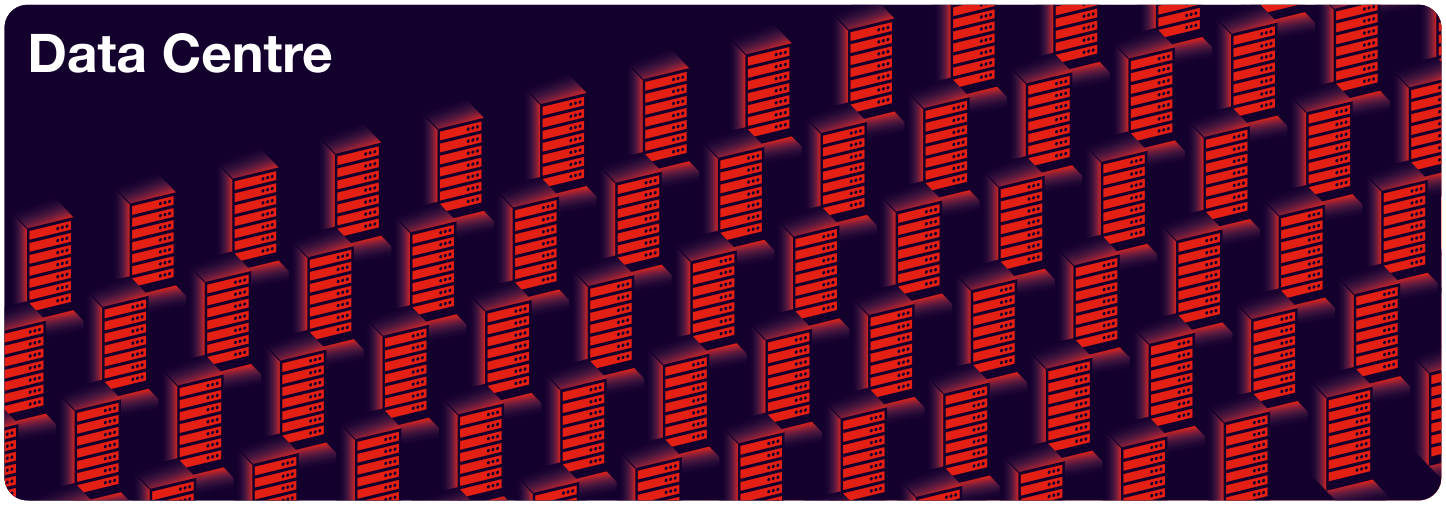
AGM technology

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

# FGHL

## **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