# FGL

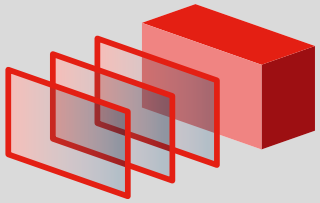
FIAMM

## General purpose AGM battery

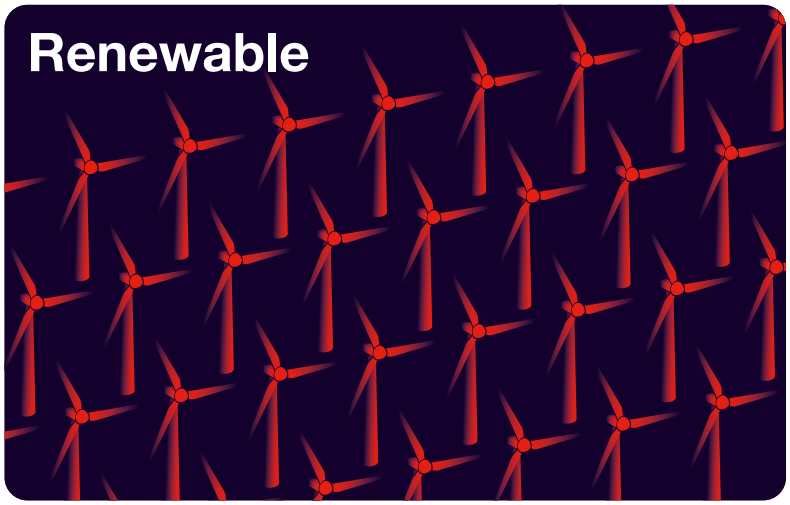
**LONG DESIGN LIFE**

**99% RECYCLABLE**

**AGM technology**



**Renewable**



**Security**

# FGL

## AGM maintenance-free range designed for a wide range of applications with a 10 years design life

The FGL range of valve regulated batteries is designed to be maintenance-free. The special lead calcium tin alloy grid is designed for a 10 years design life and provides a short recharge time.
This sealed recombination battery has a wide range of applications and can be charged and discharged many times. The FGL range is designed around AGM VRLA technology with the exterior casing made in ABS plastic, fully recyclable, non-spillable and maintenance-free. FGL range is non-hazardous for air/sea/rail/road transportation. Batteries can be installed in upright and horizontal planes. With a low self -discharge these battery are an ideal solution for periods when batteries may be stored.

| 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) |
|---|---|---|---|---|---|---|---|---|
| | | | | Length | Width | Height | Terminal Height | |
| 12FGL27 | 12 | 25 | 27 | 166 | 175 | 125 | 117 | 8.8 |
| 12FGL33 | 12 | 31 | 33 | 196 | 130 | 159 | 163 | 11 |
| 12FGL42 | 12 | 39 | 42 | 197 | 166 | 173 | 163 | 14 |
| 12FGL55 | 12 | 51 | 55 | 230 | 140 | 207 | 212 | 17 |
| 12FGL70 | 12 | 65 | 70 | 268 | 174 | 190 | 194 | 20 |
| 12FGL70/L | 12 | 65 | 70 | 348 | 167 | 177 | 161 | 21 |
| 12FGL80 | 12 | 74 | 80 | 260 | 168 | 209 | 214 | 23 |
| 12FGL100 | 12 | 93 | 100 | 330 | 172 | 215 | 222 | 31 |
| 12FGL120 | 12 | 112 | 120 | 407 | 173 | 220 | 225 | 37 |
| 12FGL150 | 12 | 140 | 150 | 483 | 170 | 240 | 239 | 46 |
| 12FGL210 | 12 | 190 | 205 | 522 | 239 | 218 | 223 | 62 |

Standards
IEC 60896 Part 21 - VRLA methods of testing
IEC 60896 Part 22 - VRLA requirements
Eurobat “10-12 years LONG LIFE”
UL Recognized (except 12FGL17)