

FHB

FIAMM

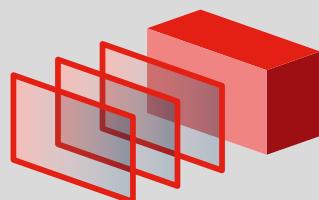
High-rate & high temperature AGM battery



HIGH
TEMP
ERATURE
BATTERIES

99%
RECY
CLABLE

AGM
technology



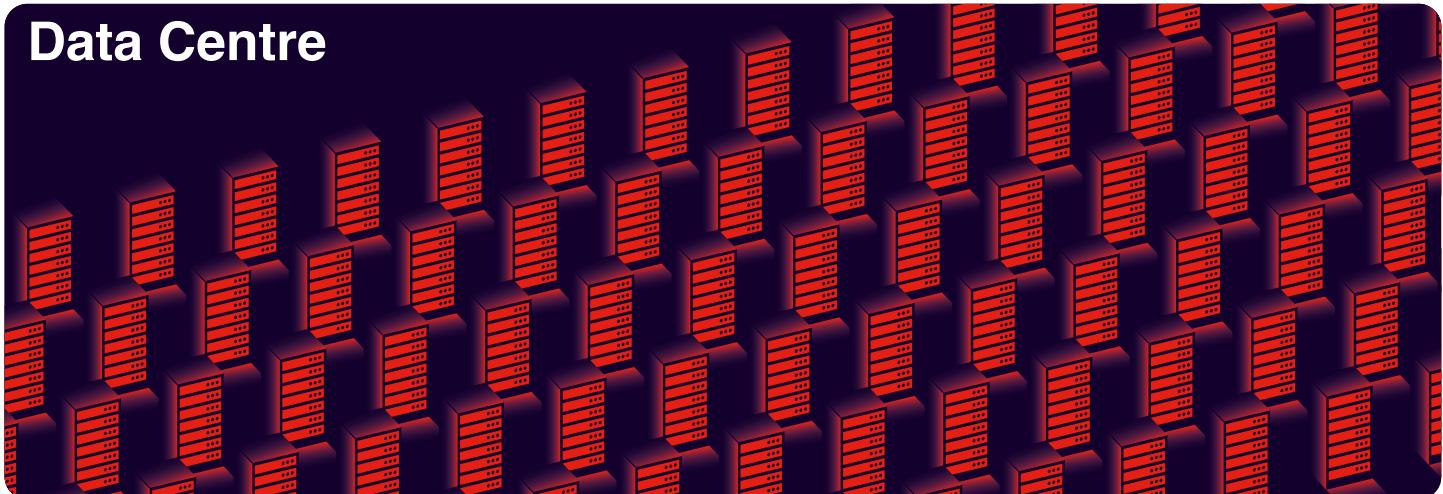
High-rate
performance



Flame
retardant
casing



Data Centre



FHB

Designed for high-rate applications and operating conditions up to 30°C.

The FHB is an innovative battery, designed to deliver the highest levels of performance while operating for a full 10 years at 30°C (20 years at 20°C). These batteries are made using our superior grid alloy technology. This special high-temperature design allows Data Center operators the possibility to raise set point temperatures thus saving on expensive air-conditioning and cooling energy.

Flame retardant high tensile ABS plastic is according UL94 V0 to guarantee the safeties protection and superior thermal stability to avoid case bulging compared to standard batteries. A high-quality

microporous separator is used to control recombination current and avoid thermal runaway. FHB batteries carry very high energy density in a compact design and it helps to reduce costly installation space, moreover, they can be installed in cabinets and racks.

The FHB range is based on AGM VRLA technology and it is 99% recyclable at the end of life. The battery is fully maintenance-free and requires no routine topping-up of the electrolyte. The range carries a non-hazardous designation and can be transported by road, rail or air. The design has been optimized to lower self-discharge during storage.

| Battery type | Nominal voltage (V) | Nominal power (W/cell) | Nominal capacity (Ah) | Nominal capacity (Ah) | Nominal dimension (mm) | | | Typical weight (kg) |
|--------------|---------------------|------------------------|-----------------------|-----------------------|------------------------|-------|--------|---------------------|
| | | | | | Length | Width | Height | |
| 12FHB350 | 12 | 374 | 90 | 95 | 302 | 174 | 217 | 30 |
| 12FHB400 | 12 | 415 | 101 | 109 | 341 | 174 | 217 | 34 |
| 12FHB450 | 12 | 477 | 115 | 124 | 379 | 174 | 217 | 38 |
| 12FHB700 | 12 | 710 | 200 | 216 | 558 | 126 | 321 | 61 |

Standards

IEC 60896 Part 21 - VRLA methods of testing

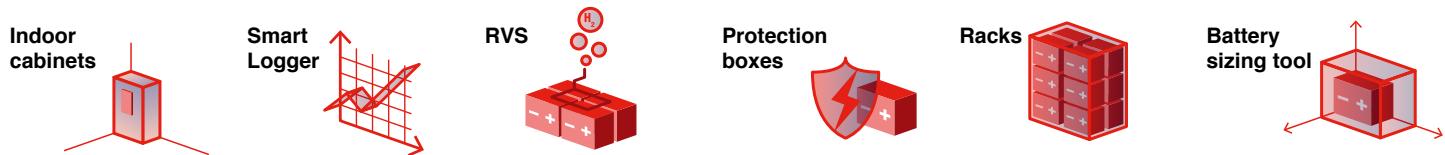
IEC 60896 Part 22 - VRLA requirements

BS6334 / UL 94 V0 materials flammability

Eurobat “>12 years VERY LONG LIFE”

UL recognized

Solutions & accessories



BACS

