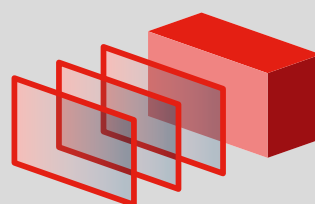# FLB

FIAMM

Unsurpassed high-rate performance AGM battery

LONG DESIGN **LIFE**
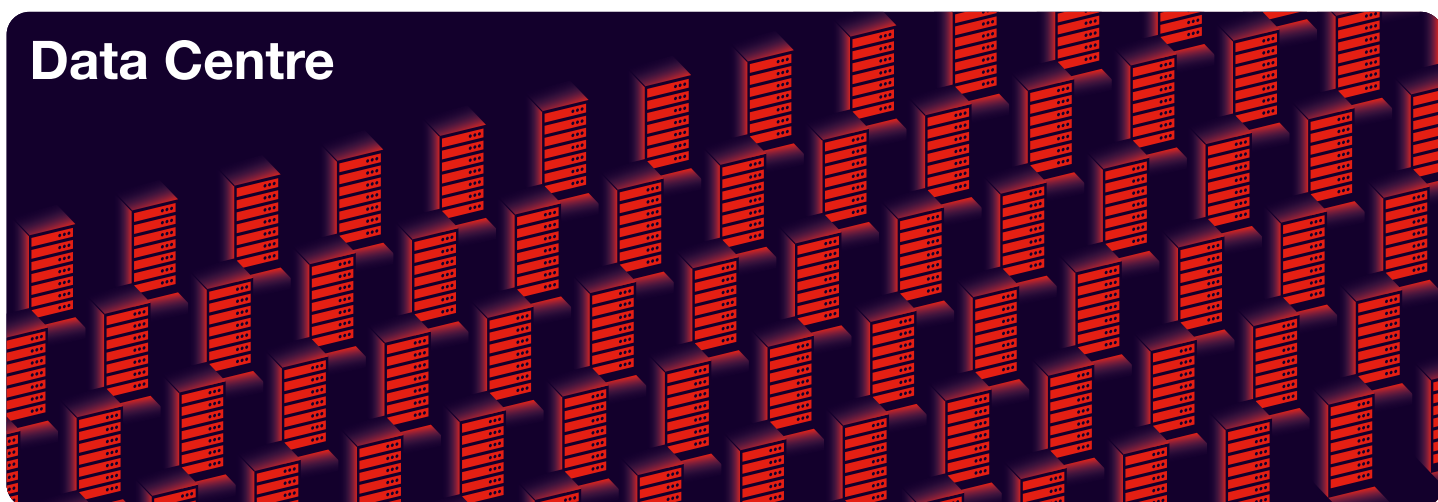
99% RECY CLABLE

AGM technology

High-rate performance

Flame retardant casing

Data Centre

FLB

10/12 years design life enclosed in a rugged flame retardant ABS case and available with top and front terminal designs.

The FLB is one of our most popular battery and is used extensively in many applications including UPS backup power. The battery is designed to deliver the highest levels of performance. The high energy density construction in a compact design also helps to reduce costly installation space.

The exterior construction uses a Flame retardant ABS plastic to UL94 V0 (LOI greater than 28%) – this guarantees a high level of safety and superior thermal stability to avoid case bulging.

The FLB 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.
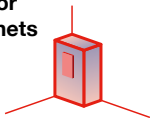
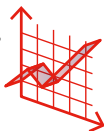| Battery type	Nominal voltage (V)	Nominal power (W/cell) 15MIN 1.67VPC 25°C	Nominal capacity (Ah) 10H 1.80VPC 25°C	Nominal capacity (Ah) 20H 1.75VPC 25°C	Nominal dimension (mm) Length	Width	Height	Typical weight (kg)
12FLB100P	12	103	24	26	166	175	126	8.5
12FLB150P	12	156	44	48	198	166	170	14
12FLB200P	12	204	53	57	230	140	212	17
12FLB250P	12	257	75	80	260	168	214	24
12FLB300P	12	311	78	84	261	174	217	26
12FLB350P	12	374	90	95	302	174	217	30
12FLB400P	12	415	101	109	341	174	217	34
12FLB450P	12	477	115	124	379	174	217	38
12FLB540P	12	540	140	150	338	174	277	49
12FLB700P	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 "10/12 years LONG LIFE" for top terminal models
Eurobat ">12 years VERY LONG LIFE" for front terminal models
UL recognized

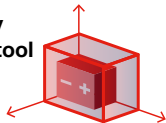## Solutions & accessories

Indoor cabinets

Smart Logger

RVS

Protection boxes

Racks

Battery sizing tool

BACS®

FIAMM