

# FHT<sup>2</sup>

# FIAMM

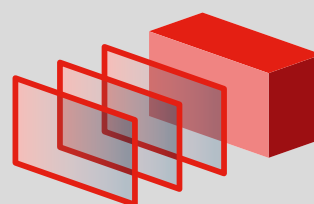
High temperature battery

**HIGH  
TEMP**  
ERATURE  
BATTERIES

Flame  
retardant  
casing



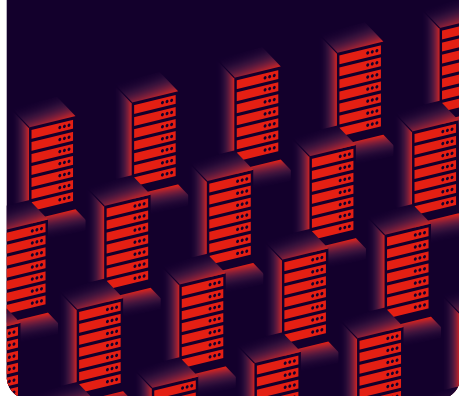
AGM  
technology



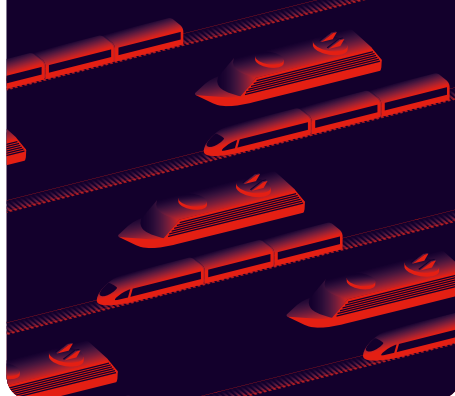
**HIGH  
CYCLIC**  
BATTERIES

99%  
**RECY**  
CLABLE

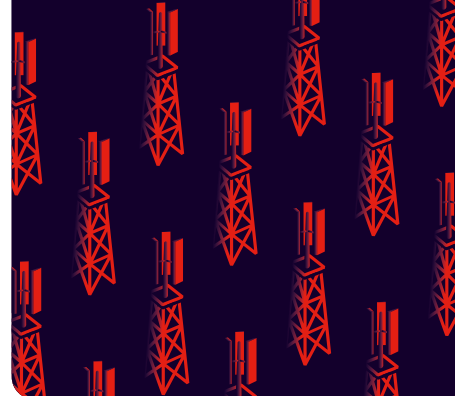
**Data Centre**



**Motion**



**Telecom**



# FHT<sup>2</sup>

## AGM technology, front terminal range designed for operating conditions up to 35°C

The FHT<sup>2</sup> AGM range is designed to operate at higher temperatures. These batteries are made using our superior grid alloy technology which means that the battery can operate for a full 7 years at 35°C (20 years at 20°C) and can withstand applications where there is a need to frequently charge and discharge the battery, like in cyclic applications. This special design means that operators can reduce cooling levels thus saving on expensive air-conditioning energy.

Internally high-quality microporous separators are used to control recombination currents and avoid thermal runaway. The exterior construction used a flame retardant high tensile strength ABS plastic compliant to UL94 V0 this guarantees a high level of safety and superior thermal

stability to avoid case bulging.

The FHT<sup>2</sup> range is designed with a front terminal layout for easy set-up and can be installed in standard 19" and 23" cabinets. This design allows easy access during the routine visual inspections.

The range is based on proven VRLA technology and is 99% recyclable at the end of its life. The battery is 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 capacity (Ah) 10H 1.80VPC 20°C	Nominal dimension (mm)			Typical weight (kg)
			Length	Width	Height	
12FHT102	12	95	108	395	275	34
12FHT152	12	150	110	531	316	50
12FHT182	12	180	126	558	321	58

### 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

GPS



Smart  
Logger



RVS



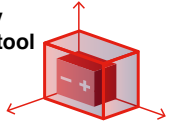
Protection  
boxes



Racks



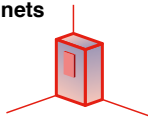
Battery  
sizing tool



Outdoor  
cabinets



Indoor  
cabinets



BACS

