

# FPG

# FIAMM



**VERY  
LONG  
LIFE**  
DESIGN

MADE IN  
**ITALY**

**99%**  
**RECY**  
CLABLE

**FIAMM**  
Pure Lead Technology



**24**  
**MONTHS**  
SHELF LIFE

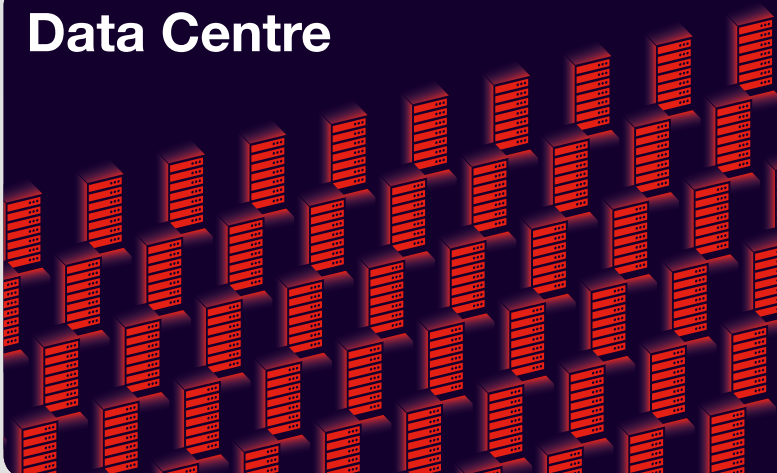
Flame  
retardant  
casing



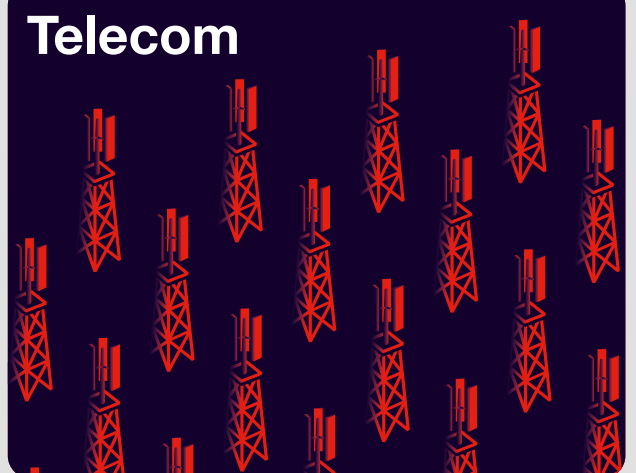
High Power  
& Energy  
density



**Data Centre**



**Telecom**



# FPG

## FIAMM Pure Guard – 15-Year Pure Lead Thin Plate Battery Range

Engineered to keep your data flowing and networks connected without interruption, FPG delivers the power behind the world’s most demanding applications, setting a new standard for reliability and performance in the era of AI-driven data infrastructure. With high energy density and a compact design, it saves valuable space and reduces installation costs – without compromising durability. Classified as Very Long Life (>12 years) according to the Eurobat Guide, FPG ensures exceptional longevity. Each block is designed for seamless integration into racks and cabinets, featuring top terminals and front-access terminal version compatible

with standard 19” and 23” cabinets. The outer casing is made of flame-retardant ABS plastic compliant with UL94 V0 standards , providing maximum safety and superior thermal stability to prevent case bulging. The FPG range leverages pure lead AGM VRLA technology and is 99% recyclable at end of life. Fully maintenance-free, it requires no electrolyte topping-up and carries a non-hazardous designation, allowing transport by road, rail, or air. Its optimized design minimizes self-discharge, enabling up to 24 months of storage.

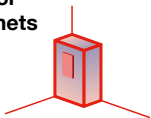
Battery type	Nominal voltage (V)	Nominal power (W/cell)		Nominal capacity (Ah)	Nominal dimension (mm)			Typical weight (kg)
		15MIN	1.67VPC 25°C		10H	1.80VPC 25°C	Length	
FPG360W	12		370	80	261	174	217	26.8
FPG410W	12		430	90	302	174	217	30.5
FPG460W	12		475	108	341	174	217	33.8
FPG510W	12		530	124	379	174	217	37.5

### Standards

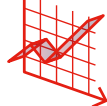
IEC 60896 Part 21 - VRLA methods of testing  
 IEC 60896 Part 22 - VRLA requirements  
 BS6334 / UL 94 V0 materials flammability  
 Eurobat “>12 years VERY LONG LIFE”  
 UL recognized

### Solutions & accessories

Indoor cabinets



Smart Logger



RVS



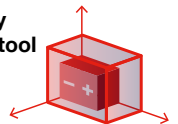
Protection boxes



Racks



Battery sizing tool



BACS®

