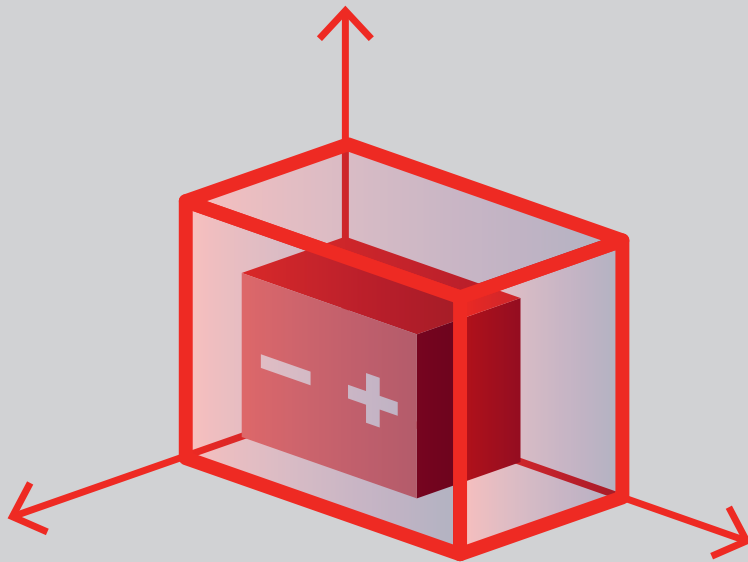


SIZING TOOL

FIAMM
+ -

Software to select
the right battery

Based on IEEE
485 standard



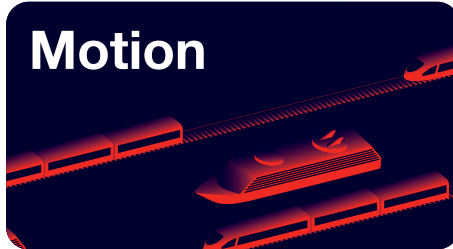
Complete
Automatic
Reporting

User
friendly
interface

Industry



Motion



Telecom



Data Centre



Renewable



Security



SIZING TOOL

Find the right solution for your application

The FIAMM sizing software allows customers to select the most appropriate battery solution for their application. It is a multiple-language software which bases all calculations on IEEE 485 standard.

Once key parameters (i.e. voltage and number of elements) have been entered, the software proposes a list of battery solutions, racks, and cabinets. The user can check each proposal in detail and choose the one which best suits the application needs.

The screenshot shows the FIAMM Sizing Tool interface. At the top, there is a red navigation bar with the FIAMM logo and links for Home, Sizing, Orders, EN, and Christian Confente. Below the navigation bar, the interface is divided into four steps: 1. Design parameters, 2. Duty Cycle, 3. Other parameters, and 4. Sizing. Step 1 is currently active and shows input fields for Sizing mode (Power), Power factor (1), UPS Efficiency (100), and Range (LM - Flooded OpzS t...). A 'Next' button is visible at the bottom of step 1. Step 2, Duty Cycle, is partially visible and shows a dropdown menu for 'Number of elements' with options for Voltage, Minimum voltages, and Best num. Search. Step 3, Other parameters, shows input fields for Design temperature [°C] (20), Design correction factor (1), and Aging correction factor (1). Step 4, Sizing, is partially visible on the right side of the screen.

The main input parameters for the software are:

- Load profile in current or power
- Requested back-up time, with single or multiple steps
- DC voltage range or block number
- Temperature, aging, and design factors

The software can output several pdf reports:

- Multiple range solutions for quick technical and commercial comparisons
- Sizing reports based on the IEE485 standard
- Ventilation, heat dissipation and gas emission reports
- Cabinet and rack solutions issued as mechanical and electrical drawings

FIAMM Sizing tool is suitable for all FIAMM ranges and battery model