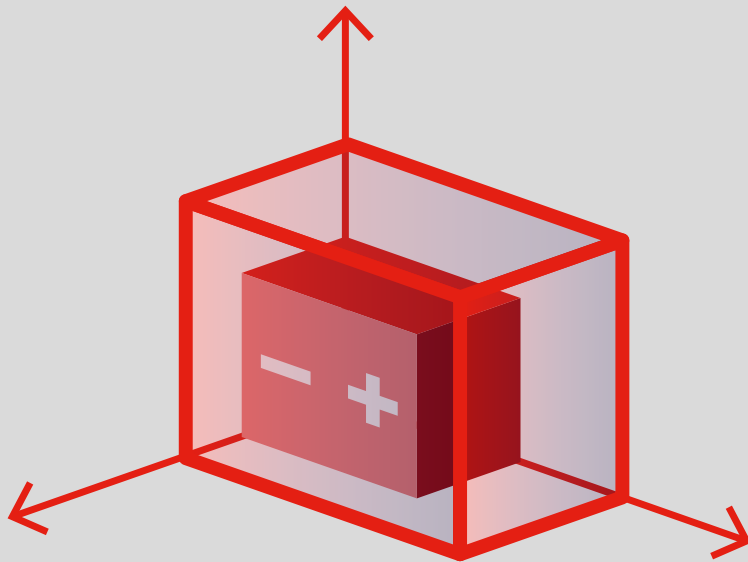


# SIZING TOOL

**FIAMM**  
+      -

**Software to select  
the right battery**

**Based on IEEE  
485 standard**



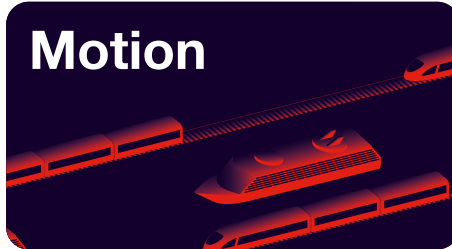
**Complete  
Automatic  
Reporting**

**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 Conforte. Below the navigation bar, the interface is divided into four numbered steps: 1. Design parameters, 2. Duty Cycle, 3. Other parameters, and 4. Sizing. In the 'Design parameters' step, the 'Sizing mode' is set to 'Power', 'Power factor' is '1', 'UPS Efficiency' is '100', and 'Range' is 'LM - Flooded OpzS1...'. A 'Next' button is visible. In the 'Duty Cycle' step, a dropdown menu is open for 'Number of elements', showing options for 'Voltage', 'Minimum voltages', and 'Best num. Search'. The 'Minimum cell voltage' is set to '1,6'. In the 'Other parameters' step, 'Design temperature [°C]' is '20', 'Design correction factor' is '1', and 'Aging correction factor' is '1'. A vertical scrollbar is visible on the right side of the interface.

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**