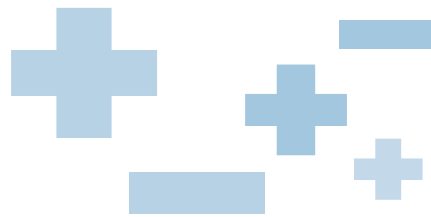


FIAMM

Industrial Batteries

FGC

series



Valve Regulated lead-acid batteries

All FIAMM batteries have been specifically developed to enhance economy of operation, reliability and energy output. To better respond to the requests of specific market sectors and increasing market demands.

Applications: Golf Carts and Buggies - Electric Powered Mobility Vehicles - Electric Lawn Mowers - Photovoltaic Systems - Electric Power Tools - Electric Wheelchairs - Toys

Case Material: Acrylonitrile-Butadiene-Styrene (ABS) UL-94 (V0 plastic available on request)

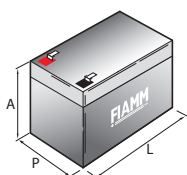
Life Expectancy: 5 years according to Eurobat standards



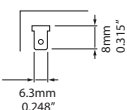
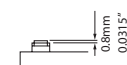
| Type | Nominal voltage (V) | CAPACITY (Ah) Discharge 20 h rate 1.75V/cell. | Weight (lb) | DIMENSION (in) | | | | Internal Resistance (of full charged Battery) | Max discharge current 5" (A) | TEMP. (°F) | | | Charge Voltage in Cyclic Use (V) | Max charge current (A) | Terminal Type |
|----------|---------------------|--|-------------|----------------|------|------|------|---|------------------------------|-------------------------------------|--------------|---------|----------------------------------|------------------------|---------------|
| | | | | L | W | H | TH | | | Charge | Discharge | Storage | | | |
| FGC21202 | 12 | 12 | 9.26 | 5.94 | 3.86 | 3.70 | 3.90 | 14.8 Ω | 120 | 32 to 104 -4 to 122 -4 to 122 | 14.4 to 15.0 | | 1.25 | FAST-ON 6.3 | |
| FGC21803 | 12 | 18 | 12.90 | 7.13 | 2.99 | 6.57 | 6.57 | 9.8 Ω | 180 | | | | 1.25 | FLAG Ø 5.5 | |
| FGC22703 | 12 | 27 | 18.74 | 6.54 | 6.89 | 4.92 | 4.92 | 8.0 Ω | 270 | | | | 2.25 | FLAG Ø 5.5 | |
| FGC23505 | 12 | 35 | 28.00 | 7.72 | 5.20 | 6.65 | 6.65 | 6.5 Ω | 350 | | | | 3.00 | ROUND M5 | |
| FGC24204 | 12 | 42 | 30.86 | 7.72 | 6.42 | 6.85 | 6.85 | 4.6 Ω | 400 | | | | 4.50 | FLAG Ø 6.5 | |

Terminal Type

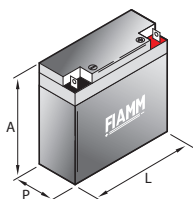
FGC 21202



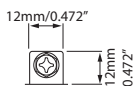
■ Type 2
Faston 6.3mm/0.248"



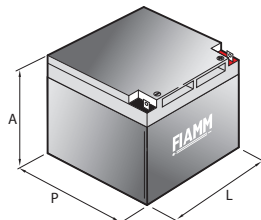
FGC 21803



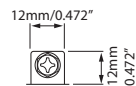
■ Type 3
Flag M5



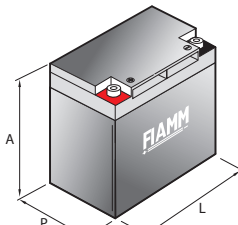
FGC 22703



■ Type 3
Flag M5



FGC 23505

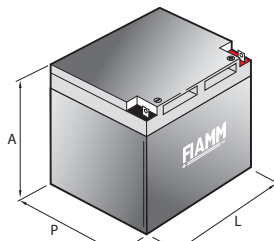


■ Type 5
Round M5

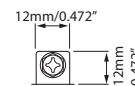


Threaded Insert M5

FGC 24204

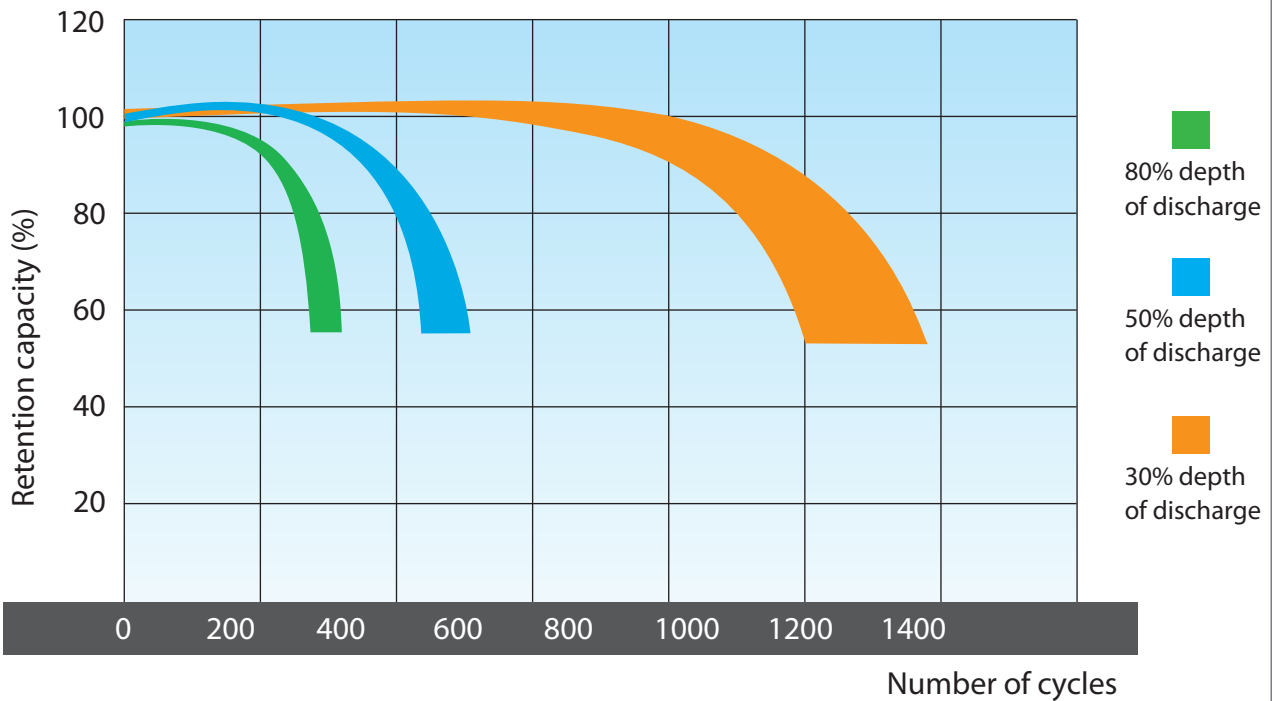


■ Type 4
Flag M5



SSLA Products

Lifetime in cyclic use



Ambient temperature: 77°F

A battery is an investment and the choice of the most suitable battery is the result of the correct evaluation of the technical and economical factors involved. The FIAMM cyclic range of batteries have, as the name implies, been designed to maximise the number of cycles it can perform.

In order for these batteries to achieve maximum performance and maximum number of cycles, they need to be maintained well and it is for this reason a suitable recharge system is necessary.

Battery Components

