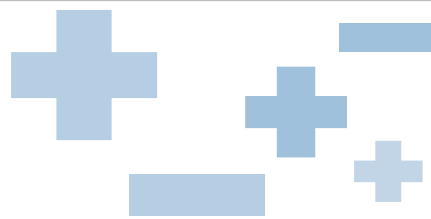


# FIAMM

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)

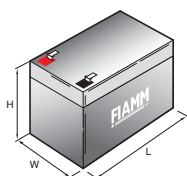
**Life Expectancy:** 5 years according to Eurobat standards



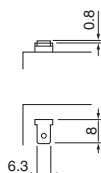
Type	Nominal voltage (V)	CAPACITY (Ah) Discharge 20 h rate 1.75V/cell.	Weight (gr)	DIMENSION (mm)				Internal Resistance (of full charged Battery)	Max discharge current 5" (A)	TEMP. (°C)			Charge Voltage in Cyclic Use (V)	Max charge current (A)	Terminal Type
				L	W	H	TH			Charge	Discharge	Storage			
FGC21202	12	12	4200	151	98	94	99	14.8 mΩ	120	0 ÷ 40 -20 ÷ 50 -20 ÷ 50	14.4 ÷ 15.0		1.25	FAST-ON 6.3	
FGC21803	12	18	5850	181	76	167	167	9.8 mΩ	180				1.25	FLAG Ø 5.5	
FGC22703	12	27	8500	166	175	125	125	8.0 mΩ	270				2.25	FLAG Ø 5.5	
FGC23505	12	35	12700	196	132	169	169	6.5 mΩ	350				3.00	ROUND M5	
FGC24204	12	42	14000	196	163	174	174	4.6 mΩ	400				4.50	FLAG Ø 6.5	

### Terminal Type

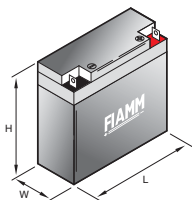
FGC 21202



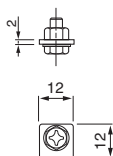
■ Type 2  
Faston 6.3



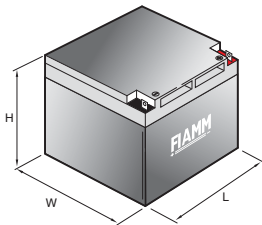
FGC 21803



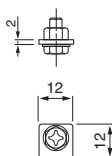
■ Type 3  
Flag M5



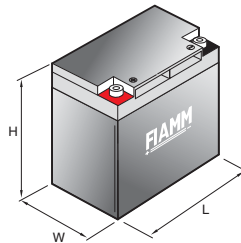
FGC 22703



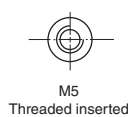
■ Type 3  
Flag M5



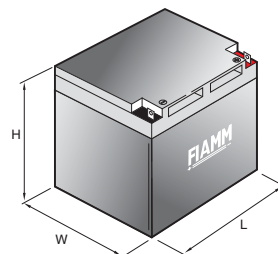
FGC 23505



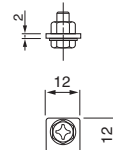
■ Type 5  
Round M5



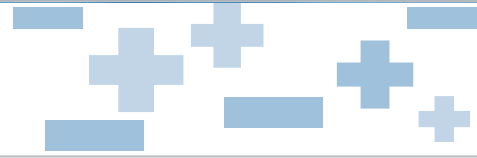
FGC 24204



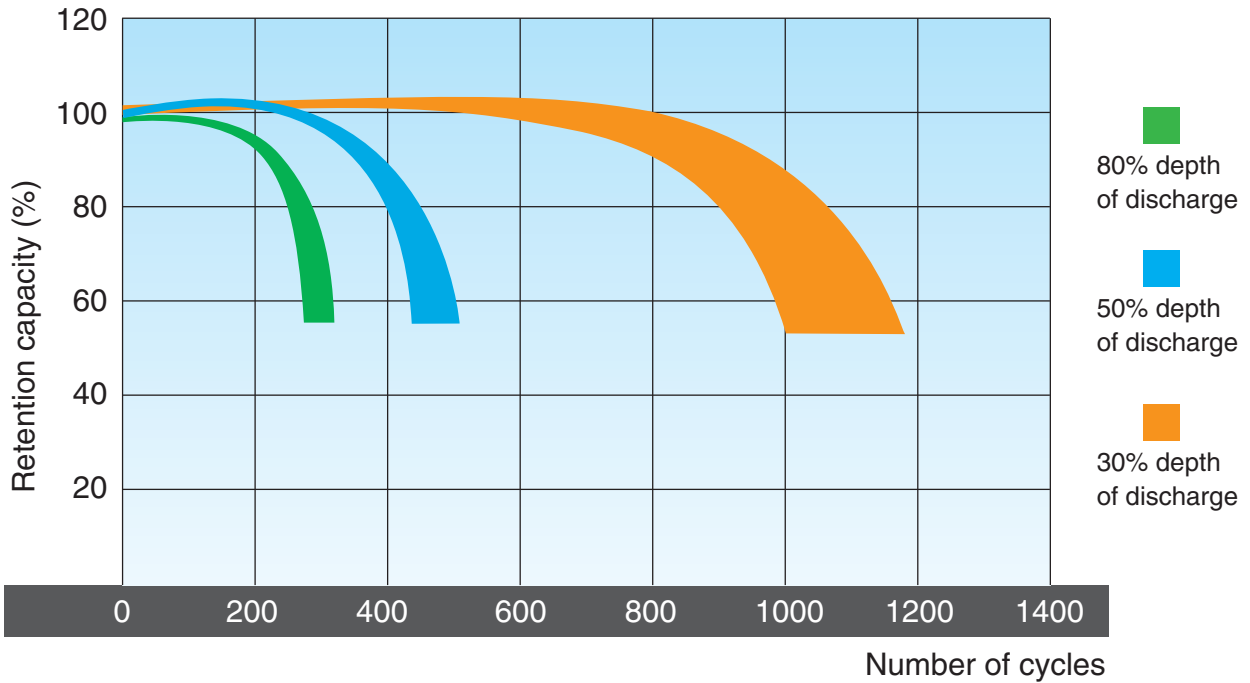
■ Type 3  
Flag M5



SSLA Products



## Lifetime in cyclic use

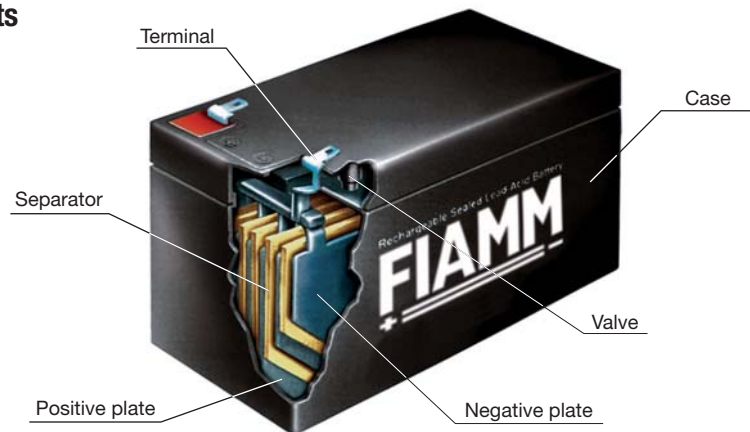


Ambient temperature: 25°C

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



FIAMM reserves the right to change or revise without notice any information or detail given in this publication  
FGC\_Vers.2\_2010/01/26