

## FIAMM's products range



### ■ A WIDE RANGE OF VALVE REGULATED LEAD-ACID BATTERIES



### ■ A COMPLETE RANGE OF LINEAR AND SWITCH MODE CHARGERS. FROM 1A TO 10A 12V-24V

### ■ SOLUTIONS WHICH HAVE THE BATTERY AT THEIR HEART



## FIAMM: clean multipurpose energy

FIAMM is leader in a market where applications requiring SLA (Sealed Lead Acid) batteries are continually growing and diversifying.

Complete range, differed for standby, cycling and fast discharge use; careful control of the entire manufacturing chain; products always available on a stock with a rotation which guarantees a battery always at maximum performance; detailed distribution network; application consultancy by a team of energy storage experts with decades of experience: these are the reasons that make FIAMM a reliable reference for designers, engineering offices and electrical installers who want to be sure of the solution and the correct choice of the product.

All FIAMM batteries are specifically designed in order to optimize performance, reliability and autonomy time. FIAMM batteries are of the VRLA type (Valve Regulated Lead Acid) and do not require any maintenance. The applications range over the emergency lighting, security, power back up systems, telecommunications and light duty motive power.

FIAMM also pursues innovation with the development of electronic integrated solutions that have the battery as their core.



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All FIAMM batteries have been specifically developed to enhance economy of operation, reliability and energy output. The values reached in these areas position FIAMM batteries among the very best presently available on the market. They represent the ideal solution for all applications.

## The **FG-series** conventional range

Type	VdS	Nominal voltage (V)	CAPACITY (Ah)		Weight gr	DIMENSIONS (mm)				Max discharge current 5" (A)	TEMPERAT. (°C)			Max charge current (A)
			Discharge 20 h rate 1.75V/cell			L	W	H	TH		Charge	Discharge	Storage	
FG10121		6	1.2	315	97	24.5	52	59	12				0.30	
FG10301	■	6	3.0	715	134	34	60	67	30				0.75	
FG10381		6	3.8	720	66	33	118	125	38				0.95	
FG10451		6	4.5	725	70	47	100	106	45				1.13	
FG10501		6	5.0	820	70	47	100	106	50				1.25	
FG10721		6	7.2	1225	151	34	94	99	72				1.80	
FG11201/2	■	6	12	1900	151	50	94	99	120				3.00	
FG20086		12	0.8	350	96	25	62	62	8				0.20	
FG20121	■	12	1.2	600	97	48.5	50.5	55	12				0.30	
FG20121A		12	1.2	600	97	42	51	59	12				0.30	
FG20201	■	12	2.0	930	178	34	60	65	20				0.50	
FG20271		12	2.7	1130	79	55.5	102	106	27				0.68	
FG20291		12	2.9	1150	132	33	98	104	29	0	-20	-20	0.73	
FG20341		12	3.4	1410	134	67	60	65	34	÷	÷	÷	0.85	
FG20451		12	4.5	1580	90	70	102	106	45	40	50	50	1.13	
FG20721/2	■	12	7.2	2450	151	65	94	99	72				1.80	
FG21201/2	■	12	12	3750	151	98	94	99	120				3.00	
FG21503		12	15	5900	181	76	167	167	150				3.75	
FG21803		12	18	5900	181	76	167	167	180				4.50	
FG22703/5	■	12	27	8500	166	175	125	125	270				6.80	
FG24204/7	■	12	42	13800	196	163	174	174	400				10.5	
FG25507		12	55	18500	229	138	212	212	500				13.8	
FG26505/7	■	12	65	23200	271	166	190	190	550				16.3	
FG27004/7	■	12	70	22600	350	166	174	174	600				17.5	
FG28009		12	80	27200	260	169	212	212	650				20	
FG2A007/9		12	100	32800	329	172	214	221	750				25	
FG2C007		12	120	38000	407	173	215	225	800				30	
FG2F009		12	150	46800	485	170	231	241	900				38	
FG2M009		12	200	68000	520	260	204	214	1000				50	

EXTENDED LIFETIME

## The **FGC-series** cyclic use range

Type	Nominal voltage (V)	CAPACITY (Ah)		Weight gr	DIMENSIONS (mm)				Max discharge current (A)	TEMPERAT. (°C)			Max charge current (A)
		Discharge 20 h rate 1.75V/cell			L	W	H	TH		Charge	Discharge	Storage	
FGC21202	12	12	3700	151	98	94	99	120				3.00	
FGC21803	12	18	5850	181	76	167	167	300	0	-20	-20	6.50	
FGC22703	12	27	8500	166	175	125	125	300	÷	÷	÷	7.00	
FGC23505	12	35	12700	196	132	169	169	350	40	50	50	9.00	
FGC24204	12	42	14000	196	163	174	174	400				10.50	

## The **FGH-series** high-rate discharge range

Type	Nominal voltage (V)	CAPACITY (Ah)		Weight gr	DIMENSIONS (mm)				Max discharge current (A)	TEMPERAT. (°C)			Max charge current (A)
		Discharge 20 h rate 1.75V/cell			L	W	H	TH		Charge	Discharge	Storage	
FGH20502	12	5.0	2000	90	70	102	105	75				1.25	
FGH20501A	12	5.0	2000	151	51	94	100	75	0	-20	-20	1.25	
FGH20902	12	9.0	2800	151	65	94	99	135	÷	÷	÷	2.25	
FGH21202	12	12	4200	151	98	94	99	180	40	50	50	3.00	
FGH22703	12	18	6400	181	76	167	167	278				4.50	

## The **FGHL-series** high-rate long life range

Type	Nominal voltage (V)	CAPACITY (Ah)		Weight gr	DIMENSIONS (mm)				Max discharge current (A)	TEMPERAT. (°C)			Max charge current (A)
		Discharge 20 h rate 1.75V/cell			L	W	H	TH		Charge	Discharge	Storage	
FGHL20502	12	5.0	2000	90	70	102	105	75	0	-20	-20	1.25	
FGHL20722	12	7.2	2650	151	65	94	99	108	÷	÷	÷	1.80	
FGHL20902	12	9.0	2900	151	65	94	99	135	40	50	50	2.25	
FGHL21102	12	11	4350	151	98	94	99	180				3.00	

All data may be subject to variations

